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PHASE 1: DESK TOP STUDY AND COAL MINING RISK

ASSESSMENT REPORT

JOHN ELVES

LAND ADJACENT TO CAVALIER VIEW

HEBBURN

TYNE AND WEAR

NE31 1DH

Project No: 15-445

Prepared By:

Ben Smallwood

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Date: 26th August 2015

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Terry McMenam

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Date: 26th August 2015

The information and/or advice contained in this Phase 1: Desk Top Study Report and Coal Mining Risk Assessment is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared in order to collate information relating to the physical, environmental and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and/or sketches contained within the report, and/or any configuration of the findings is conjectural and given for guidance only and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

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Appendix II	Coal Authority Mining Report
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1.0 Introduction

August 2015

As requested by John Elves a Phase 1: Desk Top Study and Coal Mining Risk Assessment Report has been produced for a parcel of land located off Cavalier View in Hebburn, Tyne and Wear. It is proposed to redevelop the site with two residential properties.

The primary objectives of the report are to assess the geological and land contamination conditions on and beneath the surface, and a preliminary Conceptual Site Model (CSM) has been developed to define the scope and extent of investigation works deemed necessary, prior to commencing with any future developments.

A site reconnaissance (walkover) survey was undertaken as part of this report which involved an inspection of the site and its vicinity. Site photographs were taken during the survey and these can be seen attached in Appendix I, with all relevant observations noted in Section 2.1.

2.0 Physical Setting

2.1 Site Details:-

Table 2.1

N = North, E = East, S = South, W = West

Site Name & Address:	Land adjacent to Cavalier View, Hebburn, Tyne and Wear, NE31 1DH.
National Grid Reference:	430710, 565430 – representative for the central part of the site.
Description of Location:	The site is located adjacent to Cavalier View, on the northern outskirts of Hebburn Town Centre.
Site Boundaries:	N = A Tarmac road and metal fence, E = Unmanaged grass and vegetation area and brick wall, S = Managed grass area, W = Cavalier View.
Site Shape & Area:	Irregular shaped site occupying an area of c.0.16Ha.
Proposed Development Details:	Proposals have been made to redevelop the site for residential purposes. At this stage no detailed proposed development plans have been provided.
General Topography:	Overall, the site gradually slopes downwards to the north-west and more steeply towards the west, c.22m AOD to the east and c.16m AOD to the north-west.
Site Surfacing:	The site surfacing generally comprises managed grass with shrubs, trees and vegetation positioned along the eastern boundary.
Above Ground Structures:	There is a concrete retaining wall in the northern part of the site, a metal fence on the northern-western boundary of the site and a brick wall along the north-eastern boundary.
Sub-surface Structures & Services:	Due to the historical activity, buried relic structures are anticipated below the site. In addition live services may also pass below some parts of the site area. Service information should be obtained prior to undertaking any intrusive investigation works.
Summary of Recorded Historical Features:	The site remained undeveloped until c.1857 where railway lines are noted to encroach onto the northern part of the site. By c.1951 the railway lines were no longer recorded and had been replaced with a warehouse at this location of the site. By c.1957 several tanks were noted in the northern part of the site and small scale development occurred in the western part of the site. By c.1989 the warehouse, tanks and small development on the site were no longer recorded. Historically, the surrounding land had been heavily industrialised with associated area of recorded made ground.

3.0 Environmental Setting

3.1 Site Geology:-

The geological assessment for this site has been based on records produced by the British Geological Survey (BGS) and the Coal Authority. The following documents have been reviewed:-

- NZ36NW Durham – Northumberland, Solid and Drift edition, 1:10,560 Scale.
- BGS England and Wales Sheet 21, Sunderland, 1:50,000 scale, Solid & Drift Edition.
- Non-Residential Coal Authority Mining Report, reference; 51000964379001.
- BGS Borehole NZ36NW268/I.

3.1.1 Made Ground:-

In accordance with published BGS Plans large areas of made ground are recorded to the immediate north and east of the site associated with former nearby industrial activity. These deposits may encroach onto the proposed development site. At this stage made ground deposits should be anticipated below the site area associated with previous onsite historical activities.

During the reconnaissance (walkover) survey undertaken waste materials were noted in the northern part of the site, materials such as; bricks, plastic, wood, metal and paper. These deposits are thought to be associated with localised ‘fly-tipping’. Some of these materials appear to have been burnt.

3.1.2 Drift Deposits:-

The site is shown to be situated in an area underlain by Laminated Clay deposits. The natural drift deposits below this part of Hebburn are thought to be in the region of c.30m in thickness before the underlying bedrock deposits are anticipated.

3.1.3 Solid Geology:-

The solid geology underlying the site is shown to comprise that of the Grindstone Post Member, of the Middle Coal Measures (MCM) deposited during the Period of Earth’s history known as the Carboniferous. BGS borehole NZ36NW268/I, located c.60m to the north-east of the site, identifies that the underlying solid geology is sandstone, which corroborates with published BGS plans. Sandstone deposits were encountered at a depth of c.30m below the site

3.2 Coal Mining Risk Assessment:-

The site is underlain by the Grindstone Post Member, sandstone unit, of the Middle Coal Measures (MCM) deposited during the Period of Earth’s history known as the Carboniferous.

Based on published BGS data, the shallowest coal seam present below the site area is anticipated to be the Burradon (thin seam) situated at a depth >70m below existing site levels.

In accordance with data published by the Coal Authority the site lies within a Coal Mining Reporting Area. However, the site does not fall within a Development High Risk area or an area of probable shallow coal workings. For completeness a Non-Residential Coal Authority Mining Report was obtained to further assess the risks posed to the site from past subjacent coal mining activities. The report concludes that the site is in the likely zone of influence from workings in 4 seams of coal at 180m to 300m depth and last worked in 1932.

3.0 Environmental Setting (Cont'd)

3.2 Coal Mining Risk Assessment (Cont'd):-

From the information obtained and reviewed, no further assessment or intrusive works are required with regards to historical coal mining activities and it can be seen that there is no significant risk to the site with respect to past shallow coal mining activities.

3.3 Site Hydrogeology:-

Table 3.1

STRATA	Aquifer / Soil Leachability EA Classification	Comments
Made Ground:	Soils of High Leaching Potential (U).	Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proven otherwise.
Drift Geology: (Laminated Clay)	Unclassified	The laminated clay deposits are likely to be relatively impermeable.
Solid Geology: (Pennine Middle Coal Measures)	Secondary A Aquifer.	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.
GROUNDWATER	Presence/Location	Comments
Depths:	Unknown	When considering the ground conditions anticipated below the site, a shallow groundwater surface (water table) is not anticipated. Groundwater is anticipated at depth within the solid geology (Secondary A Aquifer), at depth >30m.
Source Protection Zones:	None recorded within c1km.	~
Water Abstractions:	Four recorded within c.1km.	Three of the Water Abstractions were operated by A & P Tyne Ltd c.340m north-east of the site. The remaining Water Abstraction was operated by Amec Process & Energy Ltd c.545m north of the site.

3.4 Site Hydrology:-

Table 3.2

SURFACE WATER FEATURE	Location	Comments
GQA Classified River:	One recorded within c.250m	The River Tyne is located c.200m to the north-east of the site.
Unclassified Watercourse(s), Canals, Ponds & Lakes:	None recorded on site.	~
Flooding:	The site is shown to fall out with the designated Flood Risk Zones II & III and therefore this site is unlikely to be at significant risk from future flooding.	It should be noted that land from c.71m north-east is susceptible to extreme tidal/fluviial flooding. The LA and EA may hold additional information relating to this site with respect to periodic flooding, standing water or poor drainage problems.
RAINFALL	Measurements (mm)	Comments
Annual:	597.2	Data based from the nearest station, Tynemouth. Average taken from Met Office between 1981-2010.
Precipitation, Jan:	45.5	
Precipitation, July:	47.6	

3.0 Environmental Setting (Cont'd)

3.5 Site Ecology:-

The site does not lie within or close to any areas of Adopted Green Belt, Areas of Outstanding Natural Beauty, Local Nature Reserves or the like.

During of the site walkover survey, there was no evidence to suggest that the site is affected by the presence or invasive weed species (i.e. Japanese Knotweed).

3.6 Estimated Soil Chemistry:-

Data provided by the BGS in relation to estimated soil chemistry for a number of key metals and metalloid elements are summarised in Table 3.3 below.

Table 3.3

<u>Element</u>	<u>Location</u>	<u>Estimated Soil Concentrations (mg/kg)</u>
Arsenic	On-site	<15
Cadmium	On-site	<1.8
Chromium (total)	On-site	60-90
Lead	On-site	<150
Nickel	On-site	30-45

3.7 Radon Assessment:-

The site lies in a lower probability radon area, as less than 1% of homes are above the action level, in accordance with data held by the BGS. This corresponds with the BRE Digest, BR211 (2007) Radon: Guidance on protective measures for new buildings, where the site is situated within a clear grid square (1km), confirming that no radon protective measures are required for new structures.

4.0 Industrial Setting

4.1 Recent Site History:-

Copies of old survey plans covering this site area and adjacent land are included in Appendix III, and a summary of the site history based on these plans is given in Table 4.1 below and the following page.

Table 4.1

Significant features / potentially contaminative uses highlighted in **bold** text

<u>Date</u>	<u>Site</u>	<u>Adjacent Areas</u>
c.1857	The site is undeveloped.	The surrounding land to the site is relatively undeveloped. Hebburn Colliery (C.pit) is recorded c.200m south of the site. A shipbuilding yard is noted c.175m west of the site. Earth mound referred to as " Ballast Hill " located c.175m south.
c.1862	Generally as c.1857.	Large ballast hill noted c.220m to the south-west.
c.1897	Railway lines were noted encroaching onto the northern portion of the site with associated structure including potential tanks.	Some development is recorded to the north and the east of site. c.125m north of the site another shipbuilding yard is recorded. Hebburn Boiler Works and a disused reservoir are noted within c.175m east of the site.
c.1898 (Partially completed plan)	Generally as c.1897.	Generally as c.1897.

4.0 Industrial Setting (Cont'd)

4.1 Recent Site History (Cont'd):-

Table 4.1 (Cont'd)

Significant features / potentially contaminative uses highlighted in **bold text**

Date	Site	Adjacent Areas
c.1857	The site is undeveloped.	The surrounding land to the site is relatively undeveloped. Hebburn Colliery (C.pit) is recorded c.200m south of the site. A shipbuilding yard is noted c.175m west of the site. Earth mound referred to as " Ballast Hill " located c.175m south.
c.1862	Generally as c.1857.	Large ballast hill noted c.220m to the south-west.
c.1897	Railway lines were noted encroaching onto the northern portion of the site with associated structure including potential tanks.	Some development is recorded to the north and the east of site. c.125m north of the site another shipbuilding yard is recorded. Hebburn Boiler Works and a disused reservoir are noted within c.175m east of the site.
c.1898 (Partially completed plan)	Generally as c.1897.	Generally as c.1897.
c.1898 to c.1899	Generally as c.1898.	Generally as c.1897.
c.1916 to c.1917	Generally as c.1898 to c.1899.	A warehouse is recorded west of the site.
c.1921	Generally as c.1916 to 1917.	The boiler works and the disused reservoir are no longer recorded.
c.1938	Generally as c.1921.	Generally as c.1921.
c.1941 to c.1942	Generally as c.1938.	The colliery is recorded as disused, a shaft noted and the extent of the spoil materials has been denoted..
c.1951 to c.1952	A warehouse is noted encroaching onto the northern part of the site. The railway lines are no longer recorded.	Generally as c.1941 to c.1942.
c.1954 to c.1958	Tanks were noted in the northern part of the site and small scale development occurred in the western part of the site.	The northern shipbuilding yard is noted as " Palmers Ship-repairing & Constructional Engineering Yard ", an electric substation is recorded c.125m east of the site.
c.1957	Generally as c.1954 to c.1958.	Generally as c.1954 to c.1958.
c.1958	Generally as c.1957.	Generally as c.1957.
c.1963 to c.1975	Generally as c.1958.	Works are recorded c.90m north-east of the site and further shipbuilding yard is noted c.25m south-west of the site.
c.1963 to c.1982	Generally as c.1963 to c.1975.	Generally as c.1963 to c.1975.
c.1967 to c.1968	Generally as c.1963 to c.1982.	A shaft is located near the disused colliery .
c.1970	Generally as c.1967 to c.1968.	Generally as c.1967 to c.1968.
c.1972 to c.1981	Generally as c.1970.	A ship repairing yard are recorded c.25m south-east of the site.
c.1973 to c.1979	Generally as c.1972 to c.1981.	Generally as c.1972 to c.1981.
c.1974	Generally as c.1973 to c.1979.	Generally as c.1973 to c.1979.
c.1977	Generally as c.1974.	Generally as c.1974.
c.1982 to c.1988	Generally as c.1977.	Generally c.1977.
c.1981 to c.1990	Generally as c.1982 to c.1988.	Several industrial buildings to the south and west are no longer recorded and residential properties are noted c.50m to the south-east of the site.
c.1989 to c.1991	The warehouse, tanks and small development are no longer recorded.	Generally as c.1981 to c.1990.
c.1990	Generally as c.1989 to c.1991.	Residential properties are recorded c.20m west of the site.

4.0 Industrial Setting (Cont'd)

4.1 Recent Site History (Cont'd):-

Table 4.1 (Cont'd)

Significant features / potentially contaminative uses highlighted in **bold** text

<u>Date</u>	<u>Site</u>	<u>Adjacent Areas</u>
c.1991	Generally as c.1990.	Generally as c.1990.
c.1991 to c.1995	Generally as c.1991.	Generally as c.1991.
c.1993	Generally as c.1991 to c.1995.	An electric substation is recorded c.60m north of the site.
c.2015	Generally as c.1993.	Generally as c.1993.

4.2 Landfill & Waste:-

The following information relating to Landfill and Waste has been obtained from Landmark Information Group, the Environment Agency and walkover survey completed;

- There are no Historical Landfill Sites recorded within a distance of c.250m from the site.
- There are no Local Authority Recorded Landfill Sites recorded within a distance of c.250m from the site.
- There are no Registered Landfill Sites recorded within a distance of c.250m from the site.
- There are no BGS Recorded Landfill Sites recorded within a distance of c.250m from the site.
- There is one Licensed Waste Management Facilities, a physical treatment facility recorded c.137m north of the site.
- There are no Registered Waste Transfer Site recorded within a distance of c.250m from the site.
- Large areas of made ground are recorded to the immediately north and east of the site area in accordance with the BGS.

Based on the information reviewed to date, the risks posed to the site from hazardous ground gassing is deemed to be low to moderate and such it is recommended that a programme of gas monitoring in line with current day guidance (CIRCA C665, 2007) is undertaken prior to commencing with any future development works.

4.3 Statutory Requirements / Authorisations:-

Table 4.2

<u>Type</u>	<u>Location</u>	<u>Comments</u>
Integrated Pollution Prevention and Controls	Five recorded within c.250m.	All five are used by A & P Tyne Ltd, located c.149m north of the site, for using solvents and tributyl/triphenyl tin in their services. These permits date from 1 st June 2004 to 30 th May 2012.
Registered Radioactive Substances	One recorded within c.250m.	Mculty Offshore Construction Ltd is located c.149m north of the site and was authorised for the disposal of Radioactive waste, dated 31 st July 2006.
Prosecutions Relating to Authorised Processes	None recorded within c.250m.	~

4.0 Industrial Setting (Cont'd)

4.3 Statutory Requirements / Authorisations (Cont'd):-

Table 4.2 (Cont'd)

Type	Location	Comments
Enforcement and Prohibition Notices	None recorded within c.250m.	~
Planning Hazardous Substances Consents / Enforcements	None recorded within c.250m.	~
COMAH / NIHHS Sites	None recorded within c.250m.	~
Contemporary Trade Entries	One within c.250m.	A & P Tyne Ltd is located c.149m north of the site, this trade was used as ship builders, repairs and fittings. This trade is recorded as inactive.
Fuel Station Entries	None within c.250m.	~

4.4 Pollution Incidents and Discharge Consents:-

Table 4.3

Type	Location	Comments
Discharge Consents	Four recorded within c.250m.	There are three consents which are sewage discharges located within c.250m north and north-west of the site. The fourth is a saline estuary which is now redundant located c.230m to the north-west.
Water Industry Act Referrals	None recorded within c.250m.	~
Prosecutions Relating to Controlled Waters	None recorded within c.250m.	~
Pollution Incidents to Controlled Waters	None recorded within c.250m.	~
Substantiated Pollution Incident Register	None recorded within c.250m.	~

5.0 Preliminary Risk Assessment Summary

5.1 Preliminary Conceptual Site Model (CSM):-

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision making process of managing contaminated land and groundwater on any given site, and allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required for those risk management goals can be chosen. This can be done by undertaking a *source-pathway-receptor* analysis of the site.

The anticipated sources, pathways and receptors for this site are summarised in Table 5.1 on the following page, and a graphical representation of the preliminary CSM has been produced for this site and this can be seen attached in Appendix IV.

5.0 Preliminary Risk Assessment Summary (Cont'd)

5.1 Preliminary Conceptual Site Model (CSM) (Cont'd):-

Table 5.1

	<i>Sources (S)</i>		<i>Pathways (P)</i>		<i>Receptors (R)</i>
S1	Presence of made ground associated with historical activities.	P1	Ingestion & Dermal Contact	R1	Human health (Future Residents)
S2	Presence hazardous ground gases from off-site sources.				
S3	Potential for localised 'hot spot' of contamination associated with former tanks (such as fuels, oils etc.).	P2	Inhalation of indoor / outdoor air	R2	River Tyne, c.200m north, and groundwater within solid geology (Secondary A Aquifer)
		P3	Plant Uptake		
		P4	Migration through existing services	R3	Adjacent sites
		P5	Direct contact with building materials	R4	Building materials*
		P6	Surface runoff & Infiltration	R5	Flora and fauna*

* = Not included in the Human Health & Controlled Waters Risk Assessment

5.2 Geotechnical Considerations:-

The following potential geotechnical issues and hazards have been identified for this site, and these issues should be considered before future development of the site is to take place;

- Potential presence of buried structures, i.e. floor slabs, foundations and the like associated with former structures.
- Thickness, origin, variability and condition of made ground where present on site.
- Geotechnical parameters of natural drift with potential variable conditions with the laminated clays/bedrock deposits.
- Control of surface drainage.
- Raised boundaries i.e. relict concrete retaining wall associated with historical development.

It is recommended that in order to determine the geotechnical considerations above with more certainty that intrusive investigation works with associated geotechnical testing are carried out on this site, to aid in assessing the extent of any potential issues prior to commencing with any development in the future. Following this work detailed foundation proposals for the proposed residential development can then be prepared.

The information reviewed indicates that the site can be considered as being located within a **LOW** geotechnical risk setting.

5.3 Sources of Contamination and Probable Contaminants (Cont'd):-

The historical Ordnance Survey maps, the Landmark Envirocheck Report and other environmental information has revealed that historically the site remained undeveloped until c.1897 when railway lines were noted on the northern part of the site. By c.1951 the railway lines were removed and replaced with a warehouse was recorded encroaching onto the northern portion of the site. By c.1957 several tanks were noted in the northern part of the site and small scale development occurred in the western part of the site.

5.0 Preliminary Risk Assessment Summary (Cont'd)

5.3 Sources of Contamination and Probable Contaminants (Cont'd):-

By c.1989 the warehouse, tanks and small development on the site were no longer recorded. Historically, the surrounding land had been heavily industrialised which is associated with the large areas of made ground.

In conclusion, off site contaminative issues have been highlighted and these have been listed below;

- Potential hazardous ground gases associated with several off-site sources.
- The potential presence of made ground associated historical activities.
- Potential for localised 'hot spot' of contamination (such as fuels etc.) associated with former tanks.

It is therefore concluded that ground contamination screening will need to be incorporated into the design of any future intrusive investigation works to confirm the risks posed towards Human Health (future end users).

Laboratory testing should also be undertaken on representative samples taken from site for naturally aggressive chemicals which could have a detrimental effect on building materials (i.e. pH value and soluble sulphate, etc.).

Soils – Human Health:

In consideration of the above and when taking into account the guidance contained in Contaminated Land Report 8 and the appropriate DEFRA industry profiles, it would be prudent to test selected samples of soil from this site for a range of contaminants, typically as listed below;

Generic contamination, typically comprising; *Arsenic, Cadmium, Chromium (III & VI), Copper, Lead, Mercury, Nickel, Selenium, Zinc, Cyanide, and Total Organic Carbon (TOC).*

Screening for asbestos should also be undertaken due to the nature of the historical development and subsequent demolition.

In addition, contamination testing for Polycyclic Aromatic Hydrocarbons (PAH's) and Total Petroleum Hydrocarbons (TPH's) should be undertaken if "ashy" materials are encountered or there is any visual or olfactory evidence of fuels/oils or other wastes present in the ground.

It is felt that the effect of the large areas of made ground bounding with the site may represent a risk to potential future residential development, and therefore hazardous ground gas monitoring is required. Based on plausible gas sources, and taking into account the effect of this source, as well as potential migration pathways being present, the risk of hazardous ground gases to this site are felt to be at least low.

Consideration may need to be given to the protection of service pipes for the proposed development from the made ground deposits present, and therefore a supplementary suite of contamination testing may be required in order to meet the requirements of the local utilities service provider for their 'pipe selection risk assessment' (PSRA), once the location and depth of future services have been determined.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health.

5.0 Preliminary Risk Assessment Summary (Cont'd)

5.3 Sources of Contamination and Probable Contaminants (Cont'd):-

Groundwater / Leachate – Controlled Waters:

The following factors have been taken into consideration when assessing the risks posed towards Controlled Waters;

- Deep groundwater within the solid geology below the site has been classified as a Secondary A Aquifer.
- The site does not lie within a Source Protection Zone (SPZ).
- There are four Water Abstractions within c.1km of the site.

Depending on the results of any soil contamination screening, leachate / groundwater screening may be required on samples of made ground if present on site to determine the risk to Controlled Waters. Similarly, this work should be incorporated within the design of any intrusive ground investigation works which ideally should take place prior to commencing with any redevelopment works.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Controlled Waters.

6.0 Recommendations for Phase 2 Intrusive Investigation Works

Taking into account the above, it is recommended that a Phase 2: Ground Investigation (intrusive investigation) is completed for this site to determine if any ground contamination is present on the site which could pose a risk towards the proposed end users and / or the environment. This investigation should be completed prior to commencing with any future development works and should include for the following or similar investigation work;

- A series of boreholes to include insitu geotechnical testing and sampling, to assist with future foundation designs.
- A series of hand excavated trial pits to determine the construction makeup/condition of the existing retaining wall structures.
- Install a minimum of 3 no. combined ground gas and groundwater monitoring wells to allow for a programme of ground gas monitoring in accordance with current guidance (CIRIA C665, 2007) to be completed.
- Appropriate laboratory geotechnical testing on both the natural drift and bedrock deposits. The samples of soil collected should be forwarded to UKAS and MCERTS accredited laboratory.
- Contamination screening on selected samples of made ground if present to assess the risks to Human Health and Controlled Waters.
- Obtain full catalogue of service records (STATS) for the site.
- Site supervision and production of factual and interpretive Phase 2: Ground Investigation Report, including a Level 1 Ground Contamination Risk Assessment for Human Health and The Water Environment.

END OF REPORT

GENERAL REFERENCES

- British Geological Survey: Maps, Reports, Memoirs, etc.
 1. NZ36NW Durham – Northumberland Solid and Drift edition, 1:10,560 Scale.
 2. BGS Geological Sheet 21, Sunderland, 1:50,000 scale, Solid & Drift Edition.
 3. Non-Residential Coal Authority Mining Report, reference; 51000964379001.
 4. BGS Borehole NZ36NW268/I.

- Landmark Information Group, Envirocheck Report, ref: EC70629063_1_1

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CLR 2: Guidance on preliminary site inspection of contaminated land. Report by Applied Environmental Research Centre Ltd. Volume 1. DOE, 1994

CLR 3: Documentary research on industrial sites. Report by RPS Group plc. DoE, 1994

CLR 4: Sampling strategies for contaminated land. Report by The Centre for Research into the Built Environment, The Nottingham Trent University. DoE, 1994

CLR 5: Information systems for land contamination. Report by Meta Generics Ltd. DoE, 1994.

CLR 6: Prioritisation & categorisation procedure for sites which may be contaminated. Report by M J Carter Associates. DoE, 1995

CLR11: Model Procedures for the Management of Land Contamination. DEFRA/EA, 2004

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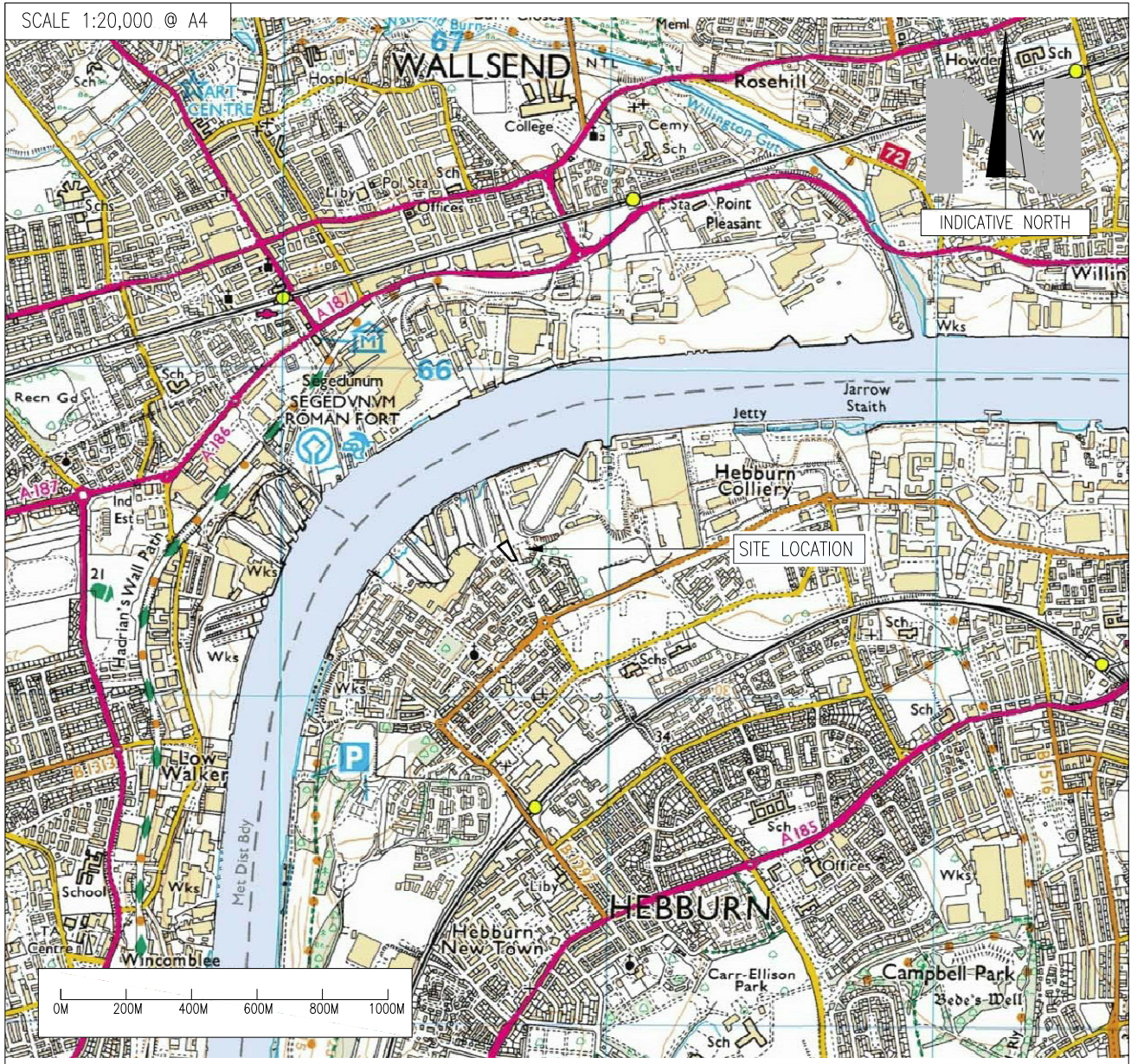
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- Methane and Associated Hazards to Construction - CIRIA Reports 149,150,151 & 152
- Assessing Risks Posed by Hazardous Ground Gases to Buildings, CIRIA C665, 2007
- BS8485: 2007: Code of Practise for the Characterization and Remediation from Ground Gas in Affected Developments
- BS8576: 2013: Guidance on investigation from ground gas – Permanent gases and Volatile Organic Compounds (VOC's)
- National Planning Policy Framework (March 2012) supplemented with Planning Policy Statement 25 (PPS25)
- CIRIA Report C624 'Development and flood risk – guidance for the construction industry'
- CIRIA Report C733 'Asbestos in Soil and Made Ground: a guide to understanding and managing risks'.

APPENDIX I

**Location Plan
Aerial Photograph
Existing Site Layout Plan
Site Walkover Record Sheets and
BGS Borehole Sheets**

SCALE 1:20,000 @ A4



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Client:

JOHN ELVES

Project Title:

Land Adjacent to Cavalier View
Wellington Road
Rhyl, LL18 1AQ

Drawing Title:

Location Plan

rev.	date	amendments	drawn	chckd

Job Reference:

15-445

Drawing Number:

-

Revision:

-

Drawn by:

P.D

Date:

25.08.15

Scale at A4:

As Shown

Checked by:

B.S

Approved by:

B.S

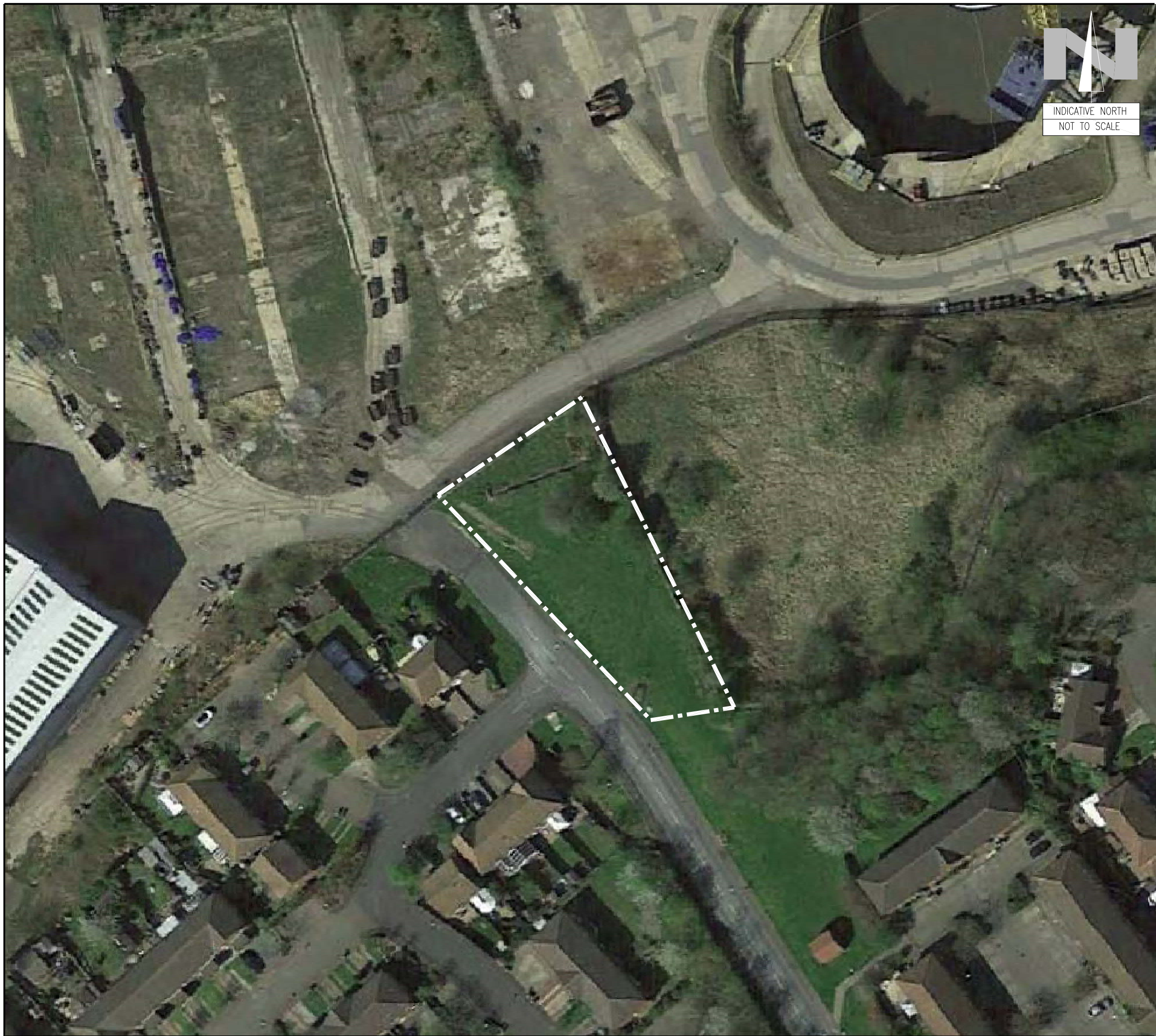
The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.

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LEGEND	
	INDICATIVE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

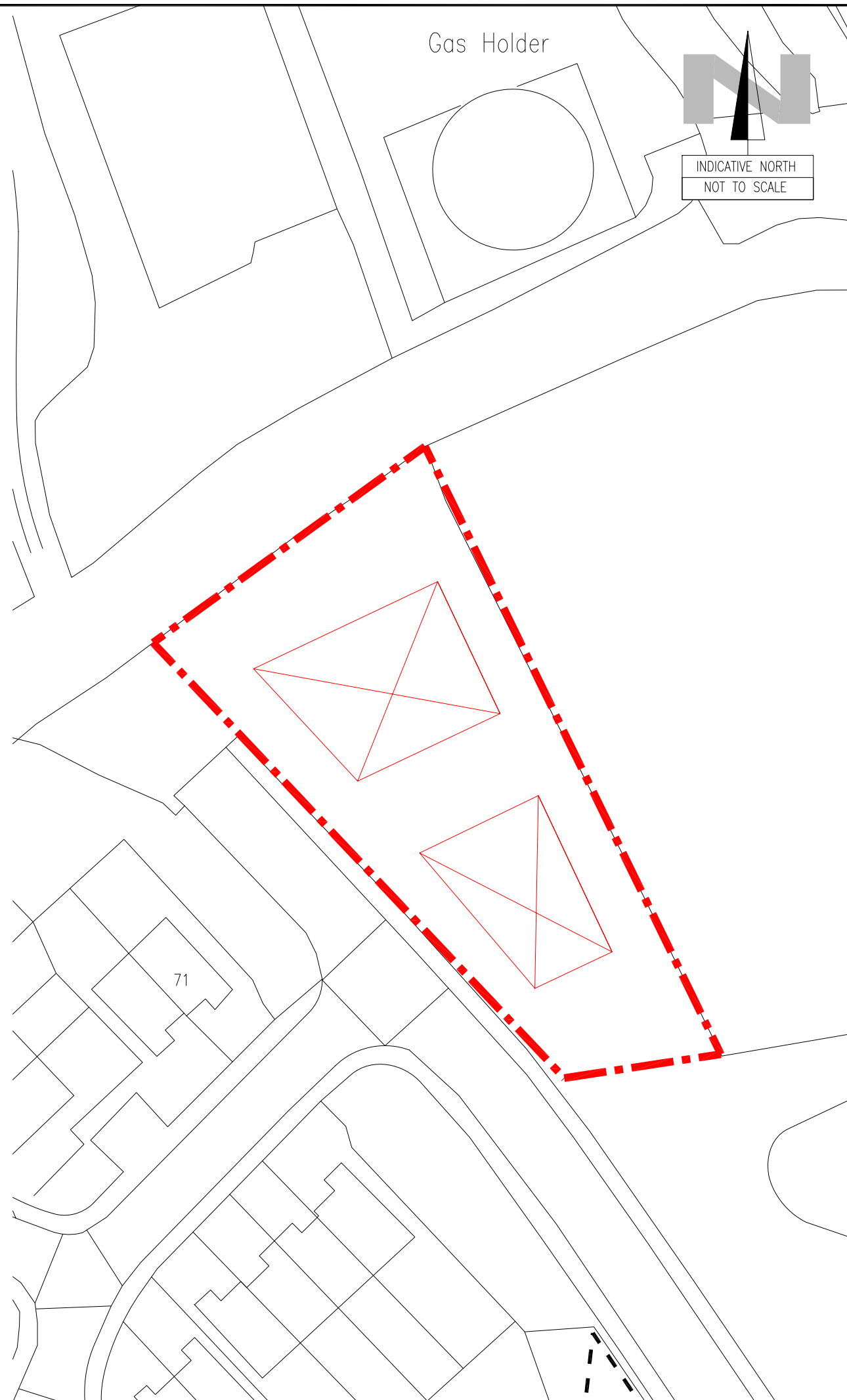
Client: **JOHN ELVES**

Project Title:
 Land Adjacent to Cavalier View
 Hebburn
 Tyne & Wear, NE31 1DH

Drawing Title:
 Aerial Photograph

Scale at A3: NTS @ A3	Date: 25.08.15	Drawn by: P.D	Approved by: B.S
--------------------------	-------------------	------------------	---------------------

Job Ref: 15-445	Drg no: -	Rev: -
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LEGEND	
	INDICATIVE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

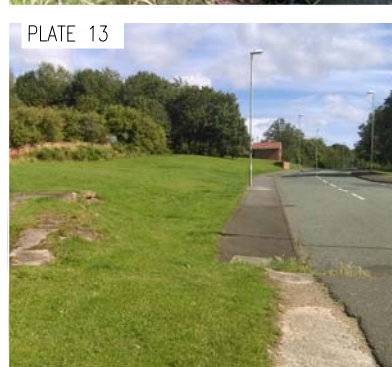
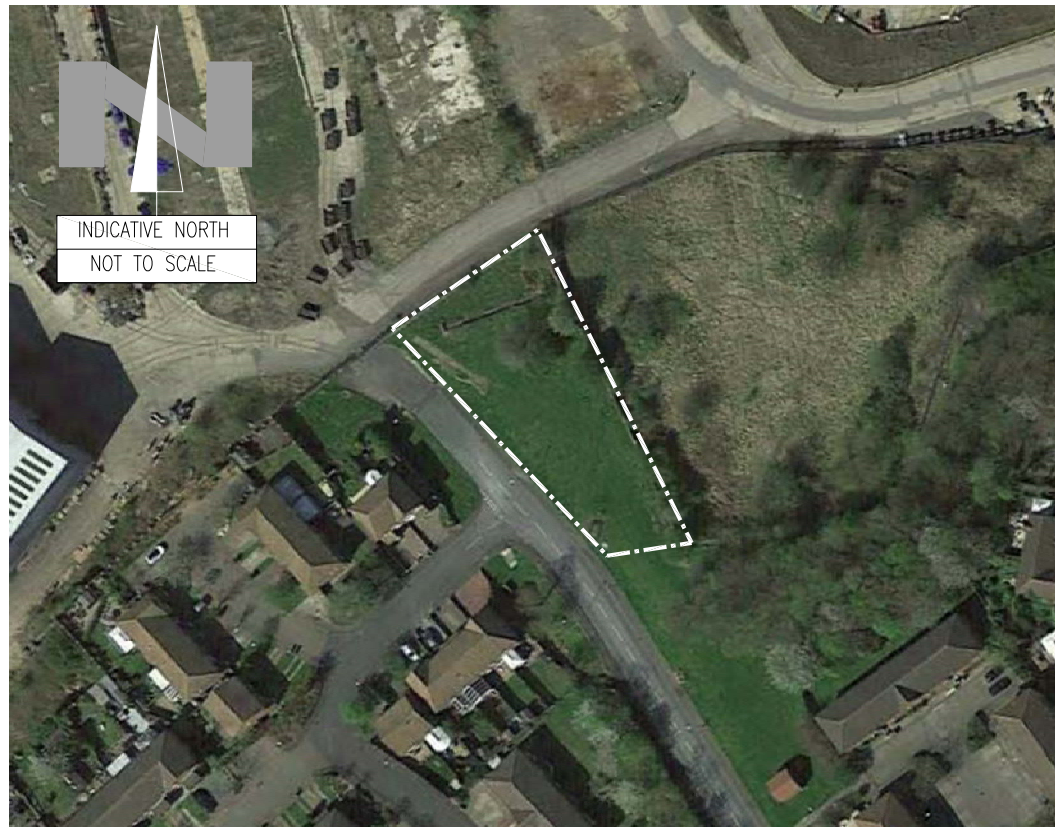
Client: **JOHN ELVES**

Project Title:
 Land Adjacent to Cavalier View
 Hebburn
 Tyne & Wear, NE31 1DH

Drawing Title:
 Existing and Proposed Site Layout Plan

Scale at A3: NTS @ A3	Date: 25.08.15	Drawn by: P.D	Approved by: B.S
--------------------------	-------------------	------------------	---------------------

Job Ref: 15-445	Drg no: -	Rev: -
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 web: www.arc-environmental.com

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SITE INFORMATION:

- THE SITE IS LOCATED ADJACENT TO CAVALIER VIEW, ON THE NORTHERN OUTSKIRTS OF HEBBURN TOWN CENTRE
- IRREGULAR SHAPED SITE OCCUPYING AN AREA OF C.0.16HA. PROPOSALS HAVE BEEN MADE TO REDEVELOP THE SITE FOR RESIDENTIAL PURPOSES
- AT THIS STAGE NO DETAILED PROPOSED DEVELOPMENT PLANS HAVE BEEN PROVIDED
- OVERALL, THE SITE GRADUALLY SLOPES DOWNWARDS TO THE NORTH-WEST AND MORE STEEPLY TOWARDS THE WEST, C.22M AOD TO THE EAST AND C.16M AOD TO THE NORTH-WEST
- THE SITE SURFACING GENERALLY COMPRISES MANAGED GRASS WITH SHRUBS, TREES AND VEGETATION POSITIONED ALONG THE EASTERN BOUNDARY
- THERE IS A CONCRETE RETAINING WALL IN THE NORTHERN PART OF THE SITE, A METAL FENCE ON THE NORTH-WESTERN BOUNDARY OF THE SITE AND A BRICK WALL ALONG THE NORTH-EASTERN BOUNDARY
- DUE TO THE HISTORICAL ACTIVITY, BURIED RELIC STRUCTURES ARE ANTICIPATED BELOW THE SITE
- IN ADDITION LIVE SERVICES MAY ALSO PASS BELOW SOME PARTS OF THE SITE AREA. SERVICE INFORMATION SHOULD BE OBTAINED PRIOR TO UNDERTAKING ANY INTRUSIVE INVESTIGATION WORKS
- THE SITE REMAINED UNDEVELOPED UNTIL C.1857 WHERE RAILWAY LINES ARE NOTED TO ENCROACH ONTO THE NORTHERN PART OF THE SITE. BY C.1951 THE RAILWAY LINES WERE NO LONGER RECORDED AND HAD BEEN REPLACED WITH A WAREHOUSE AT THIS LOCATION OF THE SITE. BY C.1957 SEVERAL TANKS WERE NOTED IN THE NORTHERN PART OF THE SITE AND SMALL SCALE DEVELOPMENT OCCURRED IN THE WESTERN PART OF THE SITE. BY C.1989 THE WAREHOUSE, TANKS AND SMALL DEVELOPMENT ON THE SITE WERE NO LONGER RECORDED. HISTORICALLY, THE SURROUNDING LAND HAD BEEN HEAVILY INDUSTRIALISED WITH ASSOCIATED AREA OF RECORDED MADE GROUND

rev.	date	amendments	drawn	chckd

Client:
JOHN ELVES

Project Title:
 Land Adjacent to Cavalier View
 Hebburn
 Tyne & Wear, NE31 1DH

Drawing Title:
 Site Photographic Record Sheet (1)

Scale at A3: NTS @ A3	Date: 25.08.15	Drawn by: P.D	Approved by: B.S
--------------------------	-------------------	------------------	---------------------

Job Ref: 15-445	Drg no: -	Rev: -
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British Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 913946 : BGS Reference: NZ36NW268/1

British National Grid (27700) : 430760,565470

Report an issue with this borehole

<< < Prev Page 2 of 3 ▾ Next > >>

NZ 36 NW / 268 Fig. 9 BOREHOLE LOG

LOCATION NO. 2643. PALMERS YARD, HEBBURN, CO DURHAM.

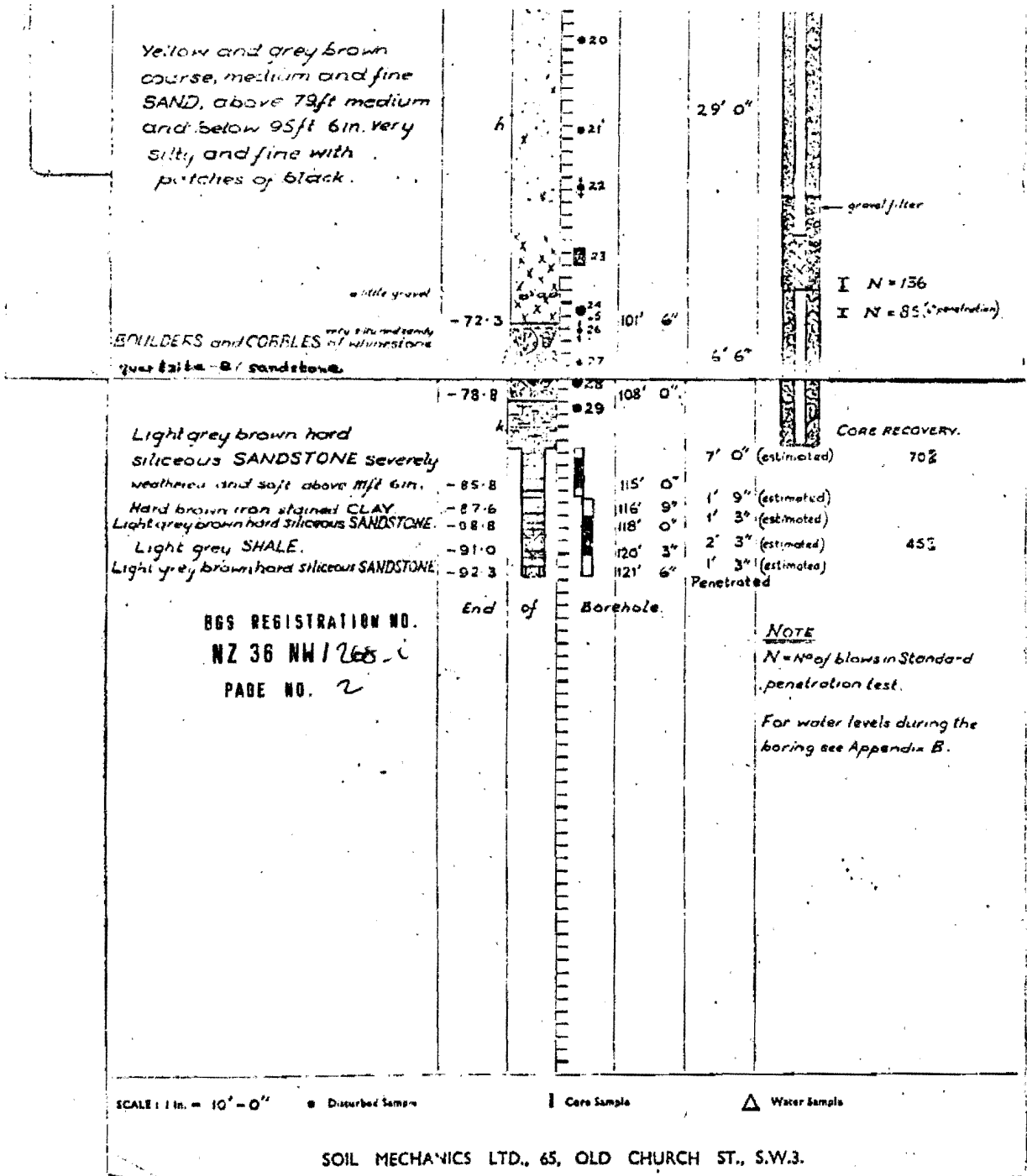
307
M.C. A7700

CARRIED OUT FOR T.F. BURNS AND PARTNERS.

BOREHOLE NO. 10. DIAMETER: 12 INCH TO NX (3 INCH NOMINAL)

GROUND LEVEL: +29.2 FT LD. DATE: 13TH MAY TO 7TH JUNE 1957

DESCRIPTION	REDUCED LEVEL	LEGEND	SAMPLE	DEPTH	THICKNESS	
<p>BGS REGISTRATION NO. NZ 36 NW 1268-1 PAGE NO. 1</p>						
MADE GROUND consisting of topsoil with coke, coal, ash & few roots and twigs. Firm becoming stiff alternate fine laminae of brown slightly silty CLAY and SILT (glacial laminated clay)	+29.2 +27.7 +23.9		1 2 3	0' 0" 1' 6" 5' 3"	1' 6" 3' 9"	observation well installed at 99ft.
Stiff grey brown sandy and silty CLAY, with very occasional medium and fine gravel and fine pieces of coal. Mudstone and limestone boulders between 20ft and 22ft. (boulder clay)			4 5 6 7 8		28' 9"	
Firm becoming stiff alternate fine laminae of brown slightly silty CLAY and SILT. (glacial laminated clay)	-4.8		9 10 11	34' 0"	13' 0"	
Stiff very sandy and silty CLAY with little medium and fine gravel, becoming hard below soft (boulder clay)	-17.8		12 13 14	47' 0"	25' 6"	
little coarse gravel	-43.3		15 16 17 18 19	72' 6"		30 FT ND. concrete backfill



30.94

APPENDIX II

Coal Authority Mining Report



Issued by:

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0345 762 6848 DX 716176 MANSFIELD 5

**LANDMARK INFORMATION GROUP
LIMITED
SOWTON INDUSTRIAL ESTATE
ABBAY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY**

Our reference: **51000964379001**
Your reference: **70629063_2|**
Date of your enquiry: **29 July 2015**
Date we received your enquiry: **29 July 2015**
Date of issue: **29 July 2015**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report

CAVALIER VIEW, HEBBURN, TYNE & WEAR,

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

The property is in the likely zone of influence from workings in 4 seams of coal at 180m to 300m depth, and last worked in 1932.

Any ground movement from these coal workings should have stopped by now.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area that is likely to be affected at the surface from any planned future workings.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

Coal mining geology

The Authority is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.

Opencast coal mining

Past

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31st October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

Withdrawal of support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

The property is not in an area for which a notice has been given under section 41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

Working facilities orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to owners of former copyhold land

The property is not in an area for which a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional Remarks

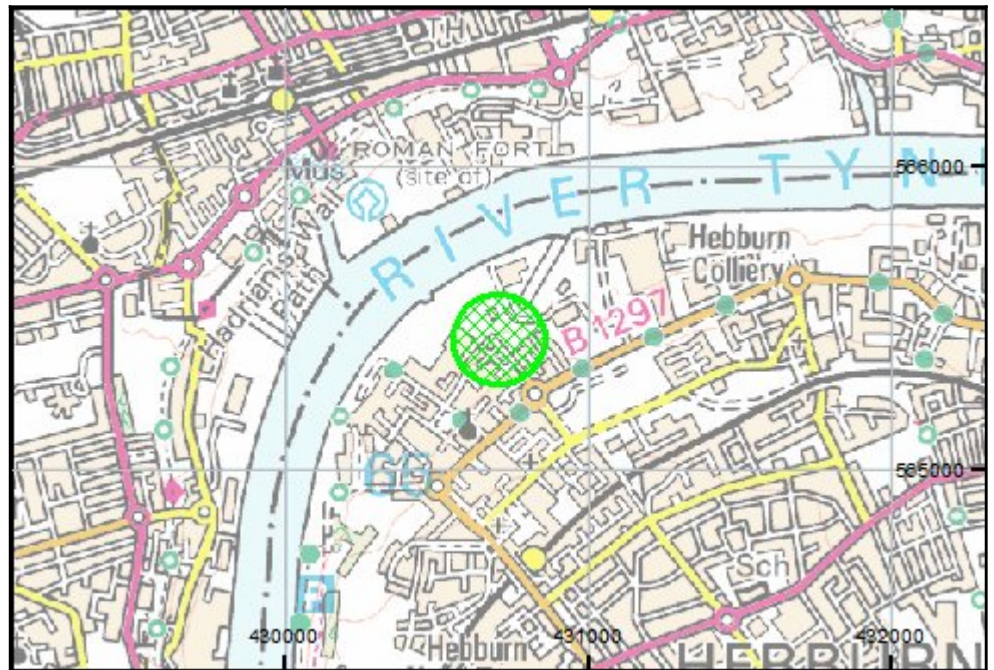
Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

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Location map



Approximate position of property

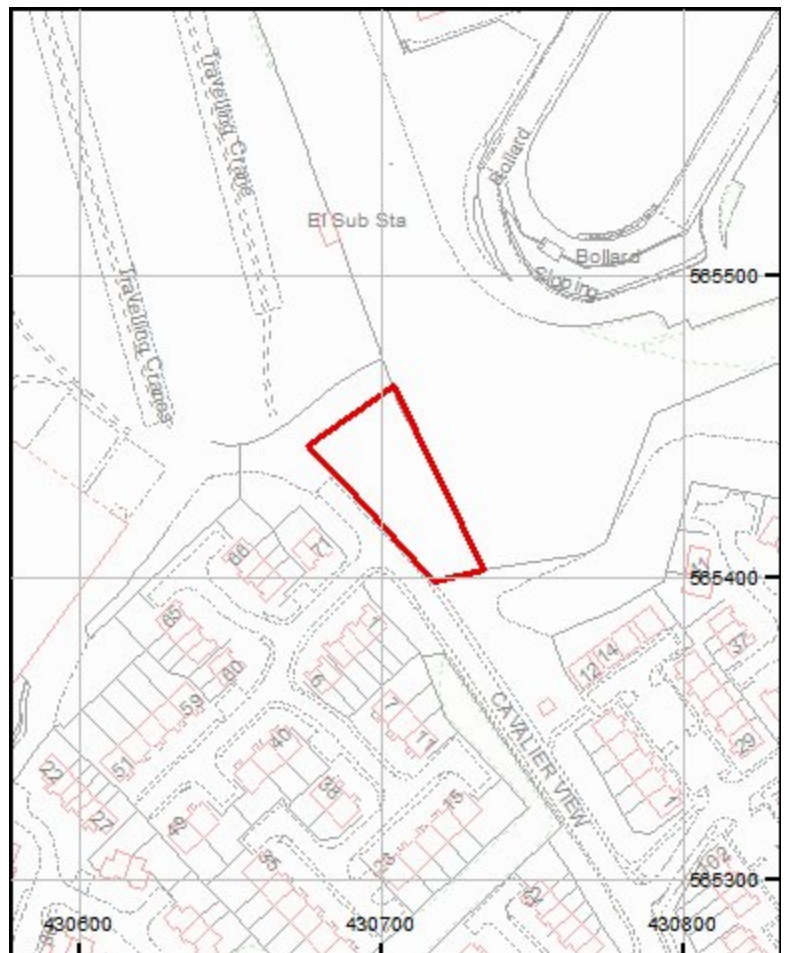


Enquiry boundary

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Key

Approximate position of enquiry boundary shown



APPENDIX III

Landmark Envirocheck Report



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

70629063_1_1

Customer Reference:

15-445

National Grid Reference:

430710, 565430

Slice:

A

Site Area (Ha):

0.16

Search Buffer (m):

1000

Site Details:

Cavalier View

Hebburn

Tyne and Wear

NE31 1DH

Client Details:

Mr K Moir

Arc Environmental Ltd

Unit 1

Elliot Court

St John's Road

Meadowfield

Durham

DH7 8PN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	46
Hazardous Substances	49
Geological	50
Industrial Land Use	66
Sensitive Land Use	-
Data Currency	78
Data Suppliers	83
Useful Contacts	84

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		4	38	81
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 31				17
Integrated Pollution Prevention And Control	pg 34		5	1	2
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 36			2	13
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 38		Yes		
Pollution Incidents to Controlled Waters	pg 38			2	9
Prosecutions Relating to Authorised Processes	pg 40				1
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 40		1		4
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 41				9
Water Abstractions	pg 42			3	1 (*1)
Water Industry Act Referrals	pg 44				2
Groundwater Vulnerability	pg 44	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 44	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 44	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 44		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 44		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 44			Yes	n/a
Detailed River Network Offline Drainage					n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 46				1
Historical Landfill Sites	pg 46				3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 46		1		4
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 48				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 49				1
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 50	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 50	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 63			1	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 64	Yes	n/a	n/a	n/a
Mining Instability	pg 64	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 64				1
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 64	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 64	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 64	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 64	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 65	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 66		1	6	116
Fuel Station Entries	pg 77				1
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: William Street Cso, Hebburn, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1746 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	204	2	430650 565660
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Hebburn Village Pumping Station, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0634 Permit Version: 1 Effective Date: 15th November 1988 Issued Date: 15th November 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent, by Application, granted by Secretary of State Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	214	2	430600 565650
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Caledonian Street Cso, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1183 Permit Version: 1 Effective Date: 29th October 1992 Issued Date: 29th October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	219	2	430630 565670
2	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Caledonian Street - D17, Hebburn Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0005 Permit Version: 1 Effective Date: 1st December 1986 Issued Date: 1st December 1986 Revocation Date: 29th October 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	230	2	430570 565650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Ellison Street Cso, Hebburn, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1747 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	326	2	430350 565460
4	<p>Discharge Consents</p> <p>Operator: A & P Tyne Limited Property Type: Shipbuilding Location: The Dry Dock At Wagonway Road Wagonway Road, Hebburn, Tyneside, Tyne & Wear, Ne31 1sp Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: Eprbp3928xw Permit Version: 2 Effective Date: 8th October 2010 Issued Date: 8th October 2010 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: River Tyne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	337	2	430910 565730
4	<p>Discharge Consents</p> <p>Operator: A & P Tyne Limited Property Type: Shipbuilding Location: The Dry Dock At Wagonway Road Wagonway Road, Hebburn, Tyneside, Tyne & Wear, Ne31 1sp Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: Eprbp3928xw Permit Version: 1 Effective Date: 27th May 2010 Issued Date: 27th May 2010 Revocation Date: 7th October 2010 Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: River Tyne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	337	2	430910 565730
5	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Ellison Street - B23, Hebburn Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0088 Permit Version: 1 Effective Date: 28th April 1987 Issued Date: 28th April 1987 Revocation Date: 29th October 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	364	2	430380 565230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipbuilders Ltd, Wallsend Ship Yard, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0138 Permit Version: 1 Effective Date: 24th July 1970 Issued Date: 24th July 1970 Revocation Date: 16th October 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	377	2	430400 565700
7	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Others Location: Hebburn Sewerage System, Hebburn Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/D/0420 Permit Version: 1 Effective Date: 4th February 1974 Issued Date: 4th February 1974 Revocation Date: 25th December 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne, Tidal Waters Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	390	2	430900 565800
8	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Wallsend Yard Outfall, Wallsend Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1045 Permit Version: 1 Effective Date: 8th January 1991 Issued Date: 8th January 1991 Revocation Date: 9th October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	394	2	430500 565800
8	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Wallsend Yard Outfall, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0423 Permit Version: 1 Effective Date: 28th October 1987 Issued Date: 28th October 1987 Revocation Date: 9th October 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	394	2	430500 565800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others Location: Ellison Street Sewer, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1184 Permit Version: 1 Effective Date: 29th October 1992 Issued Date: 29th October 1992 Revocation Date: 20th November 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	408	2	430280 565340
9	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Lamport Cso, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1051 Permit Version: 1 Effective Date: 26th March 1991 Issued Date: 26th March 1991 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	422	2	430260 565370
9	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Ellison Street Pumping Station, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1050 Permit Version: 1 Effective Date: 25th March 1991 Issued Date: 25th March 1991 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	422	2	430260 565370
10	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Limited, Outfall No. 4, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0753 Permit Version: 2 Effective Date: 21st January 1991 Issued Date: 21st January 1991 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	415	2	430420 565770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Ltd, Outfall No. 4, Wallsend Yard, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0753 Permit Version: 1 Effective Date: 13th April 1989 Issued Date: 13th April 1989 Revocation Date: 21st January 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	415	2	430420 565770
10	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Limited, Outfall No. 4, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0422 Permit Version: 1 Effective Date: 28th October 1987 Issued Date: 28th October 1987 Revocation Date: 9th October 1990 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	415	2	430420 565770
10	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1827 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	453	2	430410 565810
10	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipbuilders Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0578 Permit Version: 1 Effective Date: 18th February 1988 Issued Date: 18th February 1988 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	453	2	430410 565810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1832 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	458	2	430430 565830
11	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Wallsend Yard Outfall, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1044 Permit Version: 1 Effective Date: 8th January 1991 Issued Date: 8th January 1991 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	420	2	430400 565760
11	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Wallsend Yard Outfall, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0421 Permit Version: 1 Effective Date: 28th October 1987 Issued Date: 28th October 1987 Revocation Date: 9th October 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	420	2	430400 565760
12	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1833 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	452	2	430470 565850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipbuilders Ltd, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0579 Permit Version: 1 Effective Date: 18th February 1988 Issued Date: 18th February 1988 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	454	2	430550 565890
13	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1828 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	463	2	430550 565900
14	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipbuilders Ltd, Hebbu, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1268 Permit Version: 1 Effective Date: 12th October 1992 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	455	2	431020 565790
14	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipbuilders Ltd, Hebbu, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0331 Permit Version: 1 Effective Date: 17th October 1986 Issued Date: 17th October 1986 Revocation Date: 12th October 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	462	2	431040 565780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: South Tyneside Outfall, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1382 Permit Version: 1 Effective Date: 29th April 1993 Issued Date: 29th April 1993 Revocation Date: 8th May 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	469	2	431030 565800
15	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Parsons Marine Turbine Co Ltd, Wallsend, Northumberland Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0014 Permit Version: 1 Effective Date: 17th May 1961 Issued Date: 17th May 1961 Revocation Date: 25th December 1965 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	455	2	430300 565700
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Station Road/Swan Hunters Cso, WALLSEND Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1597 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	458	2	430345 565760
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Station Road/Swan Hunters Cso, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1597 Permit Version: 1 Effective Date: 22nd October 1996 Issued Date: 22nd October 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	462	2	430340 565760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Outfall At Gainers Tce/Swan Hunters, Outfall 3, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1339 Permit Version: 1 Effective Date: 1st November 1995 Issued Date: 1st November 1995 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	462	2	430340 565760
16	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall At Gainers Tce/Swan Hunters, Outfall 3, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0254 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	462	2	430340 565760
16	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall At Gainers Tce/Swan Hunters, Outfall 3, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0269 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 22nd October 1996 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	462	2	430340 565760
16	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1831 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	468	2	430340 565770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Wallsend Yard Outfall No 2, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1057 Permit Version: 1 Effective Date: 25th March 1991 Issued Date: 25th March 1991 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	468	2	430340 565770
16	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Wallsend Yard Outfall No 2, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0420 Permit Version: 1 Effective Date: 28th October 1987 Issued Date: 28th October 1987 Revocation Date: 25th March 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	468	2	430340 565770
16	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewage Disposal Works - Other Location: Wallsend Yard Outfall No 2, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0255 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	468	2	430340 565770
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Station Road/Swan Hunter Ps, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1754 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	476	2	430330 565770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Station Road/Swan Hunter Ps, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1754 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	476	2	430330 565770
17	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Sewage Disposal Works - Other Location: Wallsend Shipyard, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0022 Permit Version: 1 Effective Date: 30th July 1962 Issued Date: 30th July 1962 Revocation Date: 25th December 1965 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	479	2	430200 565500
17	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Shipyard, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0419 Permit Version: 1 Effective Date: 28th October 1987 Issued Date: 28th October 1987 Revocation Date: 25th March 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	507	2	430170 565480
18	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1830 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	513	2	430210 565660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Shipbuilding Location: Berths 3 And 4 Swan Hunter Ltd, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1587 Permit Version: 1 Effective Date: 23rd August 1996 Issued Date: 23rd August 1996 Revocation Date: 31st March 2007 Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	521	2	430240 565730
20	<p>Discharge Consents</p> <p>Operator: Swan Hunters (Tyneside) Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters (Tyneside) Ltd, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1829 Permit Version: 1 Effective Date: 12th September 2001 Issued Date: 12th September 2001 Revocation Date: 5th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	561	2	430140 565610
20	<p>Discharge Consents</p> <p>Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: BENTON WAY OUTFALL NO.2, WALLSEND, TYNE & WEAR Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1338 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Crude Effluent Discharge: Not Supplied Environment: Receiving Water: RIVER TYNE (SALINE ESTUARY)Revoked Status: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Benton Way Outfall No 2 Ps, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1625 Permit Version: 1 Effective Date: 4th March 1998 Issued Date: 4th March 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Benton Way Outfall No 2 Cso, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1626 Permit Version: 1 Effective Date: 25th February 1998 Issued Date: 25th February 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Buddle Street Cso, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1595 Permit Version: 1 Effective Date: 24th March 1997 Issued Date: 24th March 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600
20	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Water Company Location: Buddle St Cso, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0253 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600
20	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Water Company Location: Buddle St Cso, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/X/0270 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 24th March 1997 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	2	430130 565600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Not Given Location: Buddle Street - C12/102, WALLSEND Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0270 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm Sewage Discharge: Tidal Waters Environment: Receiving Water: Tyne Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	567	2	430130 565600
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: An Outfall At Benton Way No 2, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1338 Permit Version: 1 Effective Date: 1st November 1995 Issued Date: 1st November 1995 Revocation Date: 2nd November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	582	2	430110 565580
20	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Wallsend Yard Western, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1109 Permit Version: 1 Effective Date: 6th December 1991 Issued Date: 6th December 1991 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	596	2	430100 565600
21	<p>Discharge Consents</p> <p>Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: DAVY BANK OUTFALL NO.5, WALLSEND, TYNE & WEAR Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1341 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Crude Effluent Discharge: Not Supplied Environment: Receiving Water: RIVER TYNE (SALINE ESTUARY)Revoked Status: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Davy Bank Pumping Station, Wallsend, North Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1687 Permit Version: 1 Effective Date: 26th February 1999 Issued Date: 26th February 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Davy Bank Pumping Station, Wallsend, North Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1687 Permit Version: 1 Effective Date: 26th February 1999 Issued Date: 26th February 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Hadrian Road/Rear Of Metnor Cso, Wallsend, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1594 Permit Version: 1 Effective Date: 24th March 1997 Issued Date: 24th March 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Outfall No.5 At Davy Bank, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1341 Permit Version: 1 Effective Date: 1st November 1995 Issued Date: 1st November 1995 Revocation Date: 2nd November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall No.5 At Davy Bank, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0256 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010
21	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall No.5 At Davy Bank, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0268 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 24th February 1997 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	575	2	430880 566010
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Hadrian Road/Rear Of Metnor Road Cso, WALLSEND Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1594 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	576	2	430885 566010
21	<p>Discharge Consents</p> <p>Operator: Patterson Ford Property Type: Sewage Disposal Works - Other Location: Patterson Ford Hadrian Yard C, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1692 Permit Version: 1 Effective Date: 18th March 1999 Issued Date: 18th March 1999 Revocation Date: 2nd July 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	590	2	430900 566020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Outfall At Station Rd/Swan Hunters, Outfall No.3, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1340 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	589	2	430250 565850
23	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Trade (Unknown/Other) Location: Amec Process & Energy Ltd, Wallsend Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1693 Permit Version: 1 Effective Date: 18th March 1999 Issued Date: 18th March 1999 Revocation Date: 6th January 2005 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	618	2	430950 566030
24	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunter Outfall No. 1, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1056 Permit Version: 1 Effective Date: 25th March 1991 Issued Date: 25th March 1991 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	628	2	430050 565500
25	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: A & P (Tyne) Septic Tank 1, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1733 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	667	2	430010 565390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: A & P (Tyne) Septic Tank 2, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1734 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	667	2	430010 565390
25	<p>Discharge Consents</p> <p>Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: THERMAL SYNDICATE OUTFALL 1, WALLSEND, TYNE & WEAR Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1337 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Not Supplied Environment: Receiving Water: RIVER TYNE (SALINE ESTUARY)Revoked Status: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	667	2	430010 565390
25	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Outfall At Thermal Syndicate No.1, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1337 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 2nd November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	667	2	430010 565390
25	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall At Thermal Syndicate No.1, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0252 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	667	2	430010 565390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Davy Bank Pumping Station, Wallsend, North Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1687 Permit Version: 1 Effective Date: 26th February 1999 Issued Date: 26th February 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	697	2	430870 566140
27	<p>Discharge Consents</p> <p>Operator: Svitzer Marine Ltd Property Type: Sewerage Disposal Works - Other Location: Svitzer Marine Ltd, Devlin'S Quay, Hebburn Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1890 Permit Version: 1 Effective Date: 13th July 2004 Issued Date: 13th July 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	713	2	431320 565820
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Disposal Works - Water Company Location: A & P (Tyne) Septic Tank 4, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1735 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Disposal Works - Water Company Location: A & P (Tyne) Septic Tank 5, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1736 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Neptune Yard Pumping Station, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1624 Permit Version: 1 Effective Date: 4th March 1998 Issued Date: 4th March 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Neptune Yard No 1 Outfall Cso, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1623 Permit Version: 1 Effective Date: 25th February 1998 Issued Date: 25th February 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Fossway Cso, Walker, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1522 Permit Version: 1 Effective Date: 16th October 1995 Issued Date: 16th October 1995 Revocation Date: 20th March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Millers Dene Cso, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1523 Permit Version: 1 Effective Date: 16th October 1995 Issued Date: 16th October 1995 Revocation Date: 20th March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Jnc Fossway/Waverdale Avenue Cso, Walker, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1524 Permit Version: 1 Effective Date: 16th October 1995 Issued Date: 16th October 1995 Revocation Date: 20th March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Neptune Yard Outfall No 1, Walker, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1310 Permit Version: 1 Effective Date: 18th May 1993 Issued Date: 18th May 1993 Revocation Date: 2nd November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	718	2	429970 565310
28	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 4, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1060 Permit Version: 1 Effective Date: 8th April 1991 Issued Date: 8th April 1991 Revocation Date: 21st October 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	720	2	429970 565300
28	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 4, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0117 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 18th May 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	720	2	429970 565300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Discharge Consents</p> <p>Operator: Volker Stevin Ltd Property Type: Domestic Property (Single) Location: Former Shipyard Dock Number 4, Old Mill Road, Walker, Newcastle Upon Tyne, Ne6 4lg Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: Npswqd003329 Permit Version: 1 Effective Date: 11th September 2008 Issued Date: 11th September 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Tyne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	784	2	429892 565399
30	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Prince Consort Road Pumping Station, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1657 Permit Version: 1 Effective Date: 10th August 1998 Issued Date: 10th August 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	807	2	430070 564910
30	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Prince Consort Road Pumping Station, Hebburn, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1657 Permit Version: 1 Effective Date: 10th August 1998 Issued Date: 10th August 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	807	2	430070 564910
30	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Prince Consort Road Outfall, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0440 Permit Version: 1 Effective Date: 13th July 1987 Issued Date: 13th July 1987 Revocation Date: 10th May 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	834	2	430060 564880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Discharge Consents</p> <p>Operator: Press Offshore Ltd Property Type: Sewage Disposal Works - Other Location: Fabrication Yard, Davy Bank, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/B/0203 Permit Version: 1 Effective Date: 5th August 1975 Issued Date: 5th August 1975 Revocation Date: 24th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	808	2	431200 566100
32	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Swan Hunter Shipyard, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0427 Permit Version: 1 Effective Date: 30th October 1987 Issued Date: 30th October 1987 Revocation Date: 8th April 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	809	2	429910 565180
33	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Sewage Disposal Works - Other Location: Amec Process Septic Tank 10, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1720 Permit Version: 1 Effective Date: 10th November 1999 Issued Date: 10th November 1999 Revocation Date: 1st September 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	844	2	431300 566060
33	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Sewage Disposal Works - Other Location: Amec Process Septic Tanks 8 & 9, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1721 Permit Version: 1 Effective Date: 10th November 1999 Issued Date: 10th November 1999 Revocation Date: 27th January 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	844	2	431300 566060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Sewage Disposal Works - Other Location: Amec Process Septic Tanks 6 & 7, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1719 Permit Version: 2 Effective Date: 24th October 2002 Issued Date: 10th November 1999 Revocation Date: 1st September 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	879	2	431330 566080
33	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Sewage Disposal Works - Other Location: Amec Process Septic Tanks 6 & 7, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1719 Permit Version: 1 Effective Date: 10th November 1999 Issued Date: 10th November 1999 Revocation Date: 23rd October 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	879	2	431330 566080
34	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 3, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1059 Permit Version: 1 Effective Date: 8th April 1991 Issued Date: 8th April 1991 Revocation Date: 21st October 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	845	2	429890 565130
34	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 3, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0426 Permit Version: 1 Effective Date: 30th October 1987 Issued Date: 30th October 1987 Revocation Date: 8th April 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	845	2	429890 565130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Press Offshore Fabrication Div, Map, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0649 Permit Version: 1 Effective Date: 3rd August 1988 Issued Date: 3rd August 1988 Revocation Date: 25th November 1991 Discharge Type: Miscellaneous Discharges - Surface Water Discharge: Saline Estuary Environment: Receiving Water: Tyne (Estuary) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	853	2	431260 566110
36	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Sewage Disposal Works - Other Location: Davy Bank Outfall, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0315 Permit Version: 1 Effective Date: 30th January 1985 Issued Date: 30th January 1985 Revocation Date: 25th December 1990 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	873	2	431300 566100
36	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Sewage Disposal Works - Other Location: Davy Bank Outfall, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0179 Permit Version: 1 Effective Date: 14th September 1973 Issued Date: 14th September 1973 Revocation Date: 25th December 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	873	2	431300 566100
36	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewage Disposal Works - Other Location: Davy Bank Outfall, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0167 Permit Version: 1 Effective Date: 23rd March 1973 Issued Date: 23rd March 1973 Revocation Date: 25th December 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	873	2	431300 566100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<p>Discharge Consents</p> <p>Operator: Amec Offshore Limited Property Type: Trade (Unknown/Other) Location: Amec Offshore Fabrication, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1160 Permit Version: 1 Effective Date: 25th September 1992 Issued Date: 25th September 1992 Revocation Date: 16th April 1993 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	910	2	431300 566150
37	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Neptune Yard Outfall N, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1043 Permit Version: 1 Effective Date: 8th January 1991 Issued Date: 8th January 1991 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	878	2	429880 565070
37	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Sewage Disposal Works - Other Location: Swan Hunters Neptune Yard Outfall N, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0425 Permit Version: 1 Effective Date: 30th October 1987 Issued Date: 30th October 1987 Revocation Date: 9th October 1990 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	878	2	429880 565070
38	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Wagonway Road Pumping Station, Hebburn, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1745 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	891	2	431520 565820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Wagonway Road Pumping Station, Hebburn, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1745 Permit Version: 1 Effective Date: 11th February 2000 Issued Date: 11th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	891	2	431520 565820
38	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Wagonway Road - B20, Hebburn Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0137 Permit Version: 1 Effective Date: 5th June 1987 Issued Date: 5th June 1987 Revocation Date: 14th September 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	900	2	431530 565820
38	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others Location: Wagonway Road (B20) Sewer, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1406 Permit Version: 1 Effective Date: 19th July 1993 Issued Date: 19th July 1993 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	904	2	431530 565830
38	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others Location: Wagonway Road (B20) Sewer, Hebburn, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1182 Permit Version: 1 Effective Date: 14th September 1992 Issued Date: 14th September 1992 Revocation Date: 19th July 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	904	2	431530 565830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 1, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1058 Permit Version: 1 Effective Date: 8th April 1991 Issued Date: 8th April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	929	2	429870 564980
39	<p>Discharge Consents</p> <p>Operator: Swan Hunter Shipbuilders Ltd Property Type: Trade (Unknown/Other) Location: Wallsend Yard Outfall No 1, Wallsend, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0424 Permit Version: 1 Effective Date: 30th October 1987 Issued Date: 30th October 1987 Revocation Date: 8th April 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	929	2	429870 564980
40	<p>Discharge Consents</p> <p>Operator: Amec Offshore Limited Property Type: Sewage Disposal Works - Other Location: Amec Offshore Limited (Septic Tank, Willington Quay, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1147 Permit Version: 1 Effective Date: 29th September 1992 Issued Date: 29th September 1992 Revocation Date: 10th November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	944	2	431450 566040
40	<p>Discharge Consents</p> <p>Operator: Amec Offshore Limited Property Type: Sewage Disposal Works - Other Location: Amec Offshore Limited (Septic Tank, Willington Quay, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1149 Permit Version: 1 Effective Date: 29th September 1992 Issued Date: 29th September 1992 Revocation Date: 10th November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	944	2	431450 566040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p>Discharge Consents</p> <p>Operator: Amec Process And Energy Limited Property Type: Sewage Disposal Works - Other Location: Amec Process Septic Tanks 3,4 & 5, Hadrian Road, Wallsend Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1722 Permit Version: 1 Effective Date: 10th November 1999 Issued Date: 10th November 1999 Revocation Date: 1st September 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	956	2	431450 566060
41	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: North Eastern Marine Engineering Co, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0015 Permit Version: 1 Effective Date: 17th May 1961 Issued Date: 17th May 1961 Revocation Date: 25th December 1965 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	944	2	431400 566100
42	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Croda Agricultural Ltd, Low Walker, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0163 Permit Version: 1 Effective Date: 4th September 1985 Issued Date: 4th September 1985 Revocation Date: 12th September 1990 Discharge Type: Trade Effluent Discharge-Boiler Blowdown Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	947	2	429900 564900
42	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Croda Agricultural Ltd, Low Walker, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0163 Permit Version: 1 Effective Date: 4th September 1985 Issued Date: 4th September 1985 Revocation Date: 12th September 1990 Discharge Type: Miscellaneous Discharges - Surface Water Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	947	2	429900 564900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Neptune Yard Outfall No 2, Walker, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1309 Permit Version: 1 Effective Date: 18th May 1993 Issued Date: 18th May 1993 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	971	2	429870 564900
42	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Neptune Yard Outfall No.2, Low Walker Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0118 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 18th May 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	985	2	429860 564890
42	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: New Welbeck Road Pumping Station, Staithes Street, Low Walker, Newcastle Upon Tyne, Ne6 4ls Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1755 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: 10th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	991	2	429860 564880
42	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: New Welbeck Road Pumping Station, Staithes Street, Low Walker, Newcastle Upon Tyne, Ne6 4ls Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1755 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: 10th March 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	991	2	429860 564880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	<p>Discharge Consents</p> <p>Operator: Port Of Tyne Authority Property Type: Trade (Unknown/Other) Location: Outfall No 23, Jarrow Staith, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1082 Permit Version: 1 Effective Date: 21st May 1991 Issued Date: 21st May 1991 Revocation Date: 5th December 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	954	2	431590 565820
43	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Outfall No 23, Jarrow Staith, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0320 Permit Version: 1 Effective Date: 24th July 1987 Issued Date: 24th July 1987 Revocation Date: 21st May 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	954	2	431590 565820
44	<p>Discharge Consents</p> <p>Operator: Amec Offshore Limited Property Type: Sewage Disposal Works - Other Location: Amec Offshore Limited (Septic Tanks, Willington Quay, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1119 Permit Version: 1 Effective Date: 29th September 1992 Issued Date: 29th September 1992 Revocation Date: 10th November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	989	2	431500 566050
45	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: WALLSEND DRY DOCKS, WALLSEND, TYNE AND WEAR, NE28 6EY Authority: Environment Agency, North East Region Permit Reference: BI5938 Dated: 11th December 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	688	2	430022 565659
45	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: Wallsend Dry Docks, WALLSEND, Tyne And Wear, NE28 6EY Authority: Environment Agency, North East Region Permit Reference: BD4341 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	717	2	430006 565701

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: Wallsend Dry Docks, WALLSEND, Tyne and Wear, NE28 6EY Authority: Environment Agency, North East Region Permit Reference: BC3242 Dated: 1st December 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	719	2	430004 565700
45	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: Wallsend Dry Docks, WALLSEND, Tyne and Wear, NE28 6EY Authority: Environment Agency, North East Region Permit Reference: BF6027 Dated: 10th March 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	721	2	430004 565705
45	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: Wallsend Dry Docks, WALLSEND, Tyne And Wear, NE28 6EY Authority: Environment Agency, North East Region Permit Reference: AU7087 Dated: 19th September 1996 Process Type: IPC new application Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	722	2	430001 565701
46	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: North Shields Dry Dock, NORTH SHIELDS, Tyne And Wear, NE29 6TD Authority: Environment Agency, North East Region Permit Reference: BD4333 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NE (NW)	694	2	430050 565745
47	<p>Integrated Pollution Controls</p> <p>Name: Cammell Laird (Tyneside) Ltd Location: Wagonway Road, HEBBURN, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: AU7419 Dated: 19th September 1996 Process Type: IPC new application Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	852	2	431567 565576
47	<p>Integrated Pollution Controls</p> <p>Name: Cammell Laird (Tyneside) Ltd Location: Wagonway Road, HEBBURN, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: Bh4912 Dated: 9th August 2000 Process Type: IPC major (substantial) variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	853	2	431567 565581
47	<p>Integrated Pollution Controls</p> <p>Name: Cammell Laird (Tyneside) Ltd Location: Wagonway Road, HEBBURN, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: BF5942 Dated: 1st March 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	853	2	431567 565581

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<p>Integrated Pollution Controls</p> <p>Name: Cammell Laird (Tyneside) Ltd Location: Wagonway Road, HEBBURN, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: BD4520 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	857	2	431572 565576
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: P O Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: AL6808 Dated: 16th June 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.4 A (D) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	951	2	429776 565752
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: P O Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: AL8690 Dated: 15th June 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	953	2	429776 565757
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: Po Box 6 Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: BC7876 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	954	2	429776 565762
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: P O Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: AG3843 Dated: 3rd March 1993 Process Type: IPC new application Description: 4.4 A (D) processes involving Halogens within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	956	2	429771 565752
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: P O Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: AR6312 Dated: 6th September 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (D) processes involving Halogens within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	957	2	429771 565757
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: Po Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: B9789 Dated: 29th January 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (W)	970	2	429771 565794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<p>Integrated Pollution Controls</p> <p>Name: Saint Gobain Quartz Plc Location: Po Box 6, Neptune Road, WALLSEND, Tyne And Wear, NE28 6DG Authority: Environment Agency, North East Region Permit Reference: Bm6778 Dated: 14th December 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	993	2	429728 565742
49	<p>Integrated Pollution Prevention And Control</p> <p>Name: A & P Tyne Limited Location: A And P Tyne Ltd (Hebburn), Wagonway Works, Wagonway Road,,, Hebburn, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: EP3132CD Original Permit Ref: Qp3834ud Effective Date: 30th May 2012 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 A(1) (A) Activity Description: Coating, Printing And Textiles; Using Tributyl/Triphenyl Tin On Boats Greater Or Equal To 25 Metres Long Primary Activity: Y Activity Code: 6.4 B (A) (IV) Activity Description: Coating, Printing And Textiles; Using Solvents Greater Than 5T/12 Months (Unless 6.4 B (A) (III)) Primary Activity: N</p>	A13NE (N)	149	2	430740 565608
49	<p>Integrated Pollution Prevention And Control</p> <p>Name: A&P Tyne Limited Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: QP3834UD Original Permit Ref: Qp3834ud Effective Date: 31st May 2007 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 A(1) (A) Activity Description: Coating, Printing And Textiles; Using Tributyl/Triphenyl Tin On Boats Greater Or Equal To 25 Metres Long Primary Activity: Y Activity Code: 6.4 B (A) (IV) Activity Description: Coating, Printing And Textiles; Using Solvents Greater Than 5T/12 Months (Unless 6.4 B (A) (III)) Primary Activity: N</p>	A13NE (N)	149	2	430740 565608
49	<p>Integrated Pollution Prevention And Control</p> <p>Name: A & P Tyne (2004) Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: YP3434UD Original Permit Ref: Bv7656if Effective Date: 23rd May 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 B (A) (IV) Activity Description: Coating, Printing And Textiles; Using Solvents Greater Than 5T/12 Months (Unless 6.4 B (A) (III)) Primary Activity: N Activity Code: 6.4 A(1) (A) Activity Description: Coating, Printing And Textiles; Using Tributyl/Triphenyl Tin On Boats Greater Or Equal To 25 Metres Long Primary Activity: Y</p>	A13NE (N)	149	2	430740 565608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	<p>Integrated Pollution Prevention And Control</p> <p>Name: A&P Tyne Limited Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: XP3037MT Original Permit Ref: Bv7656if Effective Date: 7th February 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 A(1) (A) Activity Description: Coating, Printing And Textiles; Using Tributyl/Triphenyl Tin On Boats Greater Or Equal To 25 Metres Long Primary Activity: Y Activity Code: 6.4 B (A) (IV) Activity Description: Coating, Printing And Textiles; Using Solvents Greater Than 5T/12 Months (Unless 6.4 B (A) (III)) Primary Activity: N</p>	A13NE (N)	149	2	430740 565608
49	<p>Integrated Pollution Prevention And Control</p> <p>Name: A And P Group Ltd Location: Wagonway Road, HEBBURN, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: Bv7656if Original Permit Ref: Bv7656if Effective Date: 1st June 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 B (A) (IV) Activity Description: Coating, Printing And Textiles; Using Solvents Greater Than 5T/12 Months (Unless 6.4 B (A) (III)) Primary Activity: N Activity Code: 6.4 A(1) (A) Activity Description: Coating, Printing And Textiles; Using Tributyl/Triphenyl Tin On Boats Greater Or Equal To 25 Metres Long Primary Activity: Y</p>	A13NE (N)	149	2	430740 565608
50	<p>Integrated Pollution Prevention And Control</p> <p>Name: Industrial Chemicals Group Limited Location: Wagonway Works, Waggonway Works, Waggonway Road,,, Hebburn, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: Ep3630bb Original Permit Ref: Ep3630bb Effective Date: 29th March 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 4.2 A(1) (A) (VI) Activity Description: Inorganic Chemicals; Halogens Etc Or Halogen/Oxygen Compounds Etc Primary Activity: Y</p>	A14SW (E)	412	2	431144 565387
51	<p>Integrated Pollution Prevention And Control</p> <p>Name: Industrial Chemicals Limited Location: Wagonway Works, Waggonway Works, Waggonway Road,,, Hebburn, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: UP3730WV Original Permit Ref: Up3730wv Effective Date: 12th August 2014 Status: Effective Application Type: Transfer App. Sub Type: Whole with Fit and Proper Person Positional Accuracy: Located by supplier to within 10m Activity Code: 4.2 A(1) (A) (VI) Activity Description: Inorganic Chemicals; Halogens Etc Or Halogen/Oxygen Compounds Etc Primary Activity: Y</p>	A14NW (NE)	618	2	431270 565710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<p>Integrated Pollution Prevention And Control</p> <p>Name: Industrial Chemicals Limited Location: Industrial Chemicals Ltd, Wagonway Works, 1 Wagonway Road,, HEBBURN, Tyne And Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: VP3931KF Original Permit Ref: Vp3931kf Effective Date: 22nd June 2010 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: Y</p>	A14NW (NE)	621	2	431272 565714
52	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Arnold Laver & Co Location: Wagonway Road, Hebburn, Ne31 1sp Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/08/05 Dated: 27th March 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	285	3	431000 565500
52	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Arnold Laver & Co Location: Wagonway Road, Hebburn, Ne31 1sp Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/08/05 Dated: 27th March 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating Status: Permitted Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	285	3	431000 565500
53	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Shell Tyne Tunnel Location: Edward Street, JARROW, Tyne and Wear, NE32 3UA Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 059/1.4(B) Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NW (SW)	510	3	430476 564951
54	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Holystone Ltd Location: Armstrong Technology Centre, Wallsend Research Station, Davy Bank, Wallsend, Ne28 6uy Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NT0156 Dated: 28th April 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	588	4	430621 566045
55	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Swan Hunter (Tyneside) Ltd Location: Wallsend Shipyard, Wallsend, NEWCASTLE UPON TYNE, Tyne and Wear, NE28 6EQ Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: Nt00033 Dated: 24th September 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	647	4	430237 565919

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Wailes Dove Coatings Plc Location: Hedgeley Road, HEBBURN, Tyne and Wear, NE31 1EY Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 043/6.3 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/42 Bitumen and tar processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A8SE (S)	798	3	430911 564625
57	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Carville Service Station Location: Hadrian Road, Wallsend, NEWCASTLE UPON TYNE, Tyne and Wear, NE28 6HF Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: Nt00108 Dated: 27th January 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	856	4	430309 566222
58	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: NEI Mining Equipment Ltd Location: Mine, WALLSEND, Tyne and Wear, NE28 6PP Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: EPA/LA/018/2.4 Dated: 31st March 1992 Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	874	4	430717 566337
59	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Hadrian Coachworks Ltd Location: Hadrian Road, WALLSEND, Tyne and Wear, NE28 6HS Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: Nt00049 Dated: 25th June 1993 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	915	4	430991 566332
60	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Metnor Ltd Location: Hadrian Road, Metnor Business Park, WALLSEND, Tyne and Wear, NE28 6HH Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: EPA/LA/031/6.23 Dated: 17th September 1992 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	930	4	430948 566361
61	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Saint Gobain Quartz Plc Location: Neptune Road, Wallsend, NEWCASTLE UPON TYNE, Tyne and Wear, NE28 6DD Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: Nt00005 Dated: 27th April 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/6 Processes for the polishing or etching of glass or glass products using hydrofluoric acid Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	932	4	429789 565731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Saint Gobain Quartz Plc Location: Neptune Road, Wallsend, WALLSEND, Tyne And Wear, NE28 6DG Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NI00013 Dated: 5th March 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/15 Mineral drying and roadstone coating processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	932	4	429787 565725
62	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Amec Upstream Oil & Gas Location: AMEC House, AMEC Way, Hadrian Road, WALLSEND, Tyne & Wear, NE28 6HL Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NI00120 Dated: 10th October 2002 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A19NW (NE)	973	4	431314 566221
63	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Heraeus Quartz Uk Ltd Location: Po Box 6, Wallsend, Neptune Road, Tyne & Wear, Ne28 6dd Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NT0155 Dated: 10th November 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG3/6 Processes for the polishing or etching of glass or glass products using hydrofluoric acid Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (W)	976	4	429757 565775
64	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: William B Kerr (Luxury Coaches) Ltd Location: Oak Grove, Wallsend, NEWCASTLE UPON TYNE, Tyne and Wear, NE28 6PW Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NT0042 Dated: 16th October 1992 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A23SE (N)	982	4	430721 566445
	Nearest Surface Water Feature	A13NW (NW)	206	-	430599 565640
65	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Wallsend, NEWCASTLE UPON TYNE Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 19th June 1992 Incident Reference: 235/001376 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	389	2	430500 565795
66	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: WALLSEND Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 20th March 1992 Incident Reference: 235/001171 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Other Oil Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	479	2	430200 565500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Walker Offshore Park Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 30th May 1994 Incident Reference: 235/002368 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	518	2	430300 565800
68	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: Church Bank, WALLSEND Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Pollution Found; No Fish Killed Incident Date: 29th February 1996 Incident Reference: NT960044 Catchment Area: Lower Tyne Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	597	2	431200 565795
68	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: Church Bank, WALLSEND Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 29th February 1996 Incident Reference: NT960044 Catchment Area: Lower Tyne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	600	2	431200 565800
69	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Vessel Location: WALLSEND Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 9th November 1993 Incident Reference: 235/002171 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Oil Boat/Ship Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	676	2	430001 565496
69	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Wallsend, NEWCASTLE UPON TYNE Authority: Environment Agency, North East Region Pollutant: Not Given Note: None (Contained In Dry Dock) Incident Date: 12th December 1992 Incident Reference: 235/001653 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	677	2	430001 565501
70	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Engineering Location: A & P Appledor, WALLSEND Authority: Environment Agency, North East Region Pollutant: Other Sewage Note: Pollution Found; No Fish Killed Incident Date: 23rd August 1996 Incident Reference: NT960247 Catchment Area: Lower Tyne Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	743	2	430800 566200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Hebburn, NEWCASTLE UPON TYNE Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 5th November 1993 Incident Reference: 235/002170 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	871	2	430200 564700
72	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: JARROW Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Pollution Found; No Fish Killed Incident Date: 30th January 1996 Incident Reference: NT960006 Catchment Area: Lower Tyne Receiving Water: Saline Estuary Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	986	2	431700 565595
72	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: JARROW Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Inert Suspended Solids Note: No Fish Killed Incident Date: 30th January 1996 Incident Reference: NT960006 Catchment Area: Lower Tyne Receiving Water: Saline Estuary Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	987	2	431700 565600
73	<p>Prosecutions Relating to Authorised Processes</p> <p>Location: Waggonway Works, Hebburn, Ne31 1sp Prosecution Text: Causing excess amounts of nitrogen oxide to escape the licensed site Prosecution Act: Epr10 Hearing Date: 28th November 2011 Verdict: Guilty Fine: 10000 Costs: 5600 Positional Accuracy: Manually positioned within the geographical locality</p>	A14NW (E)	595	2	431274 565649
74	<p>Registered Radioactive Substances</p> <p>Name: Mcnulty Offshore Construction Ltd Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Authority: Environment Agency, North East Region Permit Reference: CA5672 Dated: 31st July 2006 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	149	2	430740 565608
75	<p>Registered Radioactive Substances</p> <p>Name: Bluewater Services (Uk) Ltd Location: Wagonway Road, Hebburn, Tyne And Wear, Ne31 1sp Authority: Environment Agency, North East Region Permit Reference: By0798 Dated: 12th July 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NW (E)	552	2	431283 565443

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	<p>Registered Radioactive Substances</p> <p>Name: Darlington Non-destructive Testing Location: Ndt Laboratory, Wallsend Slipway, Po Box 5, WALLSEND, NE28 6QS Authority: Scottish Environment Protection Agency, Head Office Permit Reference: IPB/3/3/173 Dated: 24th September 1985 Process Type: Registration under S10 RSA for the keeping and use of mobile Radioactive sources (was RSA60 S3) Description: Registration under S7 or S10 RSA for the keeping and use of radioactive material or apparatus for 1 or more tracer test sources dated pre April 1991 Status: Not Given Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	624	5	430635 566083
77	<p>Registered Radioactive Substances</p> <p>Name: Swan Hunter (Tyneside) Ltd Location: Station Road, Wallsend Shipyard, NEWCASTLE UPON TYNE, Tyne And Wear, NE28 6EQ Authority: Environment Agency, North East Region Permit Reference: AW0628 Dated: 25th July 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	767	2	430201 566046
77	<p>Registered Radioactive Substances</p> <p>Name: Swan Hunter (Tyneside) Ltd Location: Wallsend, Tyne And Wear, NE28 6EQ Authority: Environment Agency, North East Region Permit Reference: Bw5233 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	771	2	430201 566051
78	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 2nd July 2011 Incident Reference: 899048 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Landfill Odour Other Pollutant:Flies</p>	A18SE (N)	616	2	430759 566077
78	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 29th June 2009 Incident Reference: 692511 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant</p>	A18NE (N)	664	2	430755 566125
79	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 9th September 2010 Incident Reference: 821037 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect</p>	A14NW (NE)	718	2	431373 565728
80	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 27th June 2011 Incident Reference: 897257 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect Other Pollutant</p>	A18NE (N)	780	2	430851 566229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 3rd January 2013 Incident Reference: 1074899 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable : Other	A18NE (N)	786	2	430876 566230
80	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 24th January 2012 Incident Reference: 956838 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Landfill Odour	A18NE (N)	786	2	430875 566230
80	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 22nd April 2013 Incident Reference: 1104902 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and EffectsOther Odour	A18NE (N)	793	2	430860 566241
80	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 16th August 2012 Incident Reference: 1026980 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	A18NE (N)	814	2	430848 566264
81	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 28th June 2011 Incident Reference: 897527 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect Pollutant: Other Pollutant	A18NE (N)	829	2	430883 566273
82	Water Abstractions Operator: A & P Tyne Ltd Licence Number: Ne/023/0003/015 Permit Version: 1 Location: River Tyne At Ship Repairing Yard Hebburn Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	340	2	430912 565732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	<p>Water Abstractions</p> <p>Operator: A & P Tyne Ltd Licence Number: Ne/023/0003/015 Permit Version: 1 Location: River Tyne At Ship Repairing Yard Hebburn Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	340	2	430912 565732
82	<p>Water Abstractions</p> <p>Operator: A & P Tyne Ltd Licence Number: Ne/023/0003/015 Permit Version: 1 Location: River Tyne At Ship Repairing Yard Hebburn Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: Heat Pump Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	340	2	430912 565732
83	<p>Water Abstractions</p> <p>Operator: Amec Process & Energy Ltd Licence Number: 1/23/05/035 Permit Version: 100 Location: River Tyne - Tidal - Wallsend Authority: Environment Agency, North East Region Abstraction: Construction: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): 5000 Yearly Rate (m3): 1000000 Details: Amec Process And Energy, Wallsend, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th April 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	545	2	430800 566000
	<p>Water Abstractions</p> <p>Operator: G O'Brien & Sons (Nationwide Demolition Contractors Ltd) Licence Number: 1/23/05/039 Permit Version: 1 Location: River Tyne - Tidal Authority: Environment Agency, North East Region Abstraction: Refuse And Recycling: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hadrian Yard East, Wallsend, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1887	2	432490 566090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	<p>Water Industry Act Referrals</p> <p>Name: Hastings Metal Finishers Ltd Location: HASTINGS METAL FINISHERS LTD, UNIT 8 PRINCE CONSORT IND EST, UNIT 8 PRINCE CONSORT IND EST, HEBBURN, TYNE AND WEAR, NE31 1EH Authority: Environment Agency, North East Region Permit Reference: AV5284 Dated: 18th April 1996 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	645	2	430179 565032
84	<p>Water Industry Act Referrals</p> <p>Name: Hastings Metal Finishers Ltd Location: HASTINGS METAL FINISHERS LTD, UNIT 8 PRINCE CONSORT IND EST, UNIT 8 PRINCE CONSORT IND EST, HEBBURN, TYNE AND WEAR, NE31 1EH Authority: Environment Agency, North East Region Permit Reference: AV5292 Dated: 18th April 1996 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application has been authorised and any conditions apply to the operatorAuthorised Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	645	2	430179 565032
	<p>Groundwater Vulnerability</p> <p>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000</p>	A13SE (W)	0	2	430706 565430
	<p>Drift Deposits</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13SE (W)	0	6	430706 565430
	<p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Unproductive Strata</p>	A13SE (W)	0	6	430706 565430
	<p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Unknown</p>	A13NW (N)	0	6	430696 565459
	<p>Extreme Flooding from Rivers or Sea without Defences</p> <p>Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied</p>	A13NE (NE)	71	2	430756 565511
	<p>Flooding from Rivers or Sea without Defences</p> <p>Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied</p>	A13NE (NE)	71	2	430756 565511
	<p>Areas Benefiting from Flood Defences</p> <p>None</p>				
	<p>Flood Water Storage Areas</p> <p>None</p>				
	<p>Flood Defences</p> <p>None</p>				
85	<p>Detailed River Network Lines</p> <p>River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course Name: RIVER TYNE Water Course Reference: 0029</p>	A13NW (NW)	331	2	430532 565747



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	<p>BGS Recorded Landfill Sites</p> <p>Site Name: Prince Consort Road Location: HEBBURN, Tyne & Wear Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived</p>	A7SE (S)	925	-	430357 564548
87	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Prince Consort Road, Hebburn New Town Name: King Georges Field Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL06299 First Input Date: Not Supplied Last Input Date: 31st December 1960 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4500/0275 BGS Ref: Not Supplied Other Ref: ST 022, ST 2</p>	A7NE (SW)	636	2	430295 564925
88	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Hebburn Colliery Name: Wagonway Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL06297 First Input Date: Not Supplied Last Input Date: 31st December 1964 Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4500/0277 BGS Ref: Not Supplied Other Ref: ST 020, ST 5</p>	A14NE (E)	714	2	431433 565542
89	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Hebburn New Town Name: Hebburn Quayside Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL06300 First Input Date: 31st December 1940 Last Input Date: 31st December 1973 Specified Waste: Deposited Waste included Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4500/0273 BGS Ref: Not Supplied Other Ref: ST 023, ST 1</p>	A7SE (SW)	903	2	430105 564736
90	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64182 Location: Land/premises At, Wagonway Road, Hebburn, Tyne & Wear, NE31 1SP Operator Name: A & P Tyne Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Physical Treatment Facilities Licence Status: Issued Issued: 31st March 2009 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	137	2	430700 565600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 67609 Location: Wallsend Shipyard, Wallsend, Newcastle Upon Tyne, Tyne & Wear, NE28 6EQ Operator Name: Veolia Environmental Services (U K) Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Transferred Issued: 24th May 1996 Last Modified: 19th May 2006 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	540	2	430200 565700
92	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64040 Location: Wallsend Research Station, Davy Bank, Wallsend, Tyne & Wear, NE28 6UZ Operator Name: Total Recycling Management Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 25th April 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th September 2005 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	651	2	430548 566095
93	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64068 Location: Davy Bank Waste Transfer Station, Davy Bank, Wallsend, Tyne & Wear, NE28 6UZ Operator Name: Green North East Trading Bidco Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 2nd April 2004 Last Modified: 5th February 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	663	2	430750 566125
94	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 103782 Location: Neptune 2a Dry Dock, Old Mill Road, Wallsend, Tyne & Wear, NE6 4LG Operator Name: G O' Brien & Sons (Nationwide Demolition Contractors) Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Issued Issued: 10th September 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	896	2	429780 565466
	<p>Local Authority Landfill Coverage</p> <p>Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply</p>		0	12	430706 565430
	<p>Local Authority Landfill Coverage</p> <p>Name: North Tyneside Metropolitan District Council - Has supplied landfill data</p>		331	4	430495 565721
	<p>Local Authority Landfill Coverage</p> <p>Name: City of Newcastle Upon Tyne - Has supplied landfill data</p>		430	13	430253 565523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Swan Hunter (Tyneside) Ltd Licence Reference: TW 467 NT Site Location: Wallsend Shipyard, WALLSEND, Tyne and Wear, NE28 6EQ Operator Location: As Site Address Authority: Environment Agency - North East Region, Northumbria Area Site Category: Scrapyard - with Transfer Station Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is known Dated: 24th May 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence Prohibited Waste: Waste N.O.S. Environment Agency All Associated Plant & Equipment must give specific authorisation for this waste to be accepted Waste requires prior approval</p> <p>Oil Or Gas Platforms And</p>	A12NE (NW)	540	2	430200 565700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	<p>Explosive Sites</p> <p>Name: Swan Hunter (Tyneside) Ltd Location: Station Road, Wallsend, Tyne and Wear, NE28 6EQ Status: Not Active Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	771	7	430201 566051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SE (W)	0	6	430706 565430
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (SE)	0	6	430717 565404
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (W)	0	6	430706 565430
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	0	6	430696 565459
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	66	6	430766 565346
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	96	6	430706 565305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	96	6	430722 565305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13NW (NW)	107	6	430614 565531
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SE (E)	138	6	430871 565407
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A13SE (E)	168	6	430900 565423
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	214	6	430596 565224
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SE (E)	267	6	431000 565430
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13NW (W)	277	6	430398 565454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (E)	284	6	431000 565497
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (E)	289	6	431000 565513
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (E)	295	6	431009 565505
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	401	6	430706 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	408	6	430642 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (SE)	417	6	431032 565113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	428	6	431000 565068
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (NW)	430	6	430511 565848
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (N)	435	6	430576 565879
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NW (SW)	452	6	430508 565000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	458	6	430951 565000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (E)	466	6	431148 565613

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	482	6	430350 565088
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (SE)	483	6	431000 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	537	6	430706 566000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	541	6	430636 566000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	558	6	430547 564869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	568	6	430314 565000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	576	6	430911 566001
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	578	6	430520 564857
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	594	6	431096 564932
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (NE)	602	6	430957 566009
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	609	6	431000 564856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	611	6	430170 565100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	621	6	430240 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (NE)	626	6	431000 566015
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	650	6	430982 566050
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	660	6	431000 566052
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (W)	669	6	430030 565621
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	675	6	430000 565430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	677	6	431052 564805
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (E)	679	6	431412 565406
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SE (NE)	681	6	431000 566076
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NE (N)	683	6	430735 566146
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	687	6	431000 564770
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A18NW (N)	689	6	430694 566152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	691	6	431422 565350
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	696	6	430639 564709
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	697	6	430318 566044
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NW (W)	698	6	430000 565620
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	699	6	430134 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	717	6	430822 564692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SW (S)	764	6	430588 564648
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	768	6	430659 566230
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	774	6	431338 564920
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	781	6	430104 565977
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	783	6	430126 566000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A17SW (NW)	793	6	430000 565859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	795	6	430836 566247
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	796	6	430851 566245
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NE (SE)	823	6	431450 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	832	6	430074 564868
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	842	6	430891 566284
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	866	6	430505 564561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SW (NW)	875	6	430000 566000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	881	6	431224 566174
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	888	6	430935 566321
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	890	6	430891 566333
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (SW)	899	6	429894 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	899	6	430454 564541

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (W)	950	6	429799 565077
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (W)	950	6	429799 565077
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	960	6	431000 566376
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (E)	961	6	431639 566083
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (SW)	973	6	429809 565000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	988	6	431006 566404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	990	6	431000 566408
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	1000	6	431647 565000
97	BGS Recorded Mineral Sites Site Name: Dene Brick Works Location: , Hebburn, South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95958 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Grindstone Post Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	333	6	431013 565588
98	BGS Recorded Mineral Sites Site Name: Hebburn Colliery Location: , Hebburn, South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95960 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Pelaw Clay Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	557	6	431216 565125
99	BGS Recorded Mineral Sites Site Name: Hebburn Brick Works Location: , Hebburn, South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95959 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (E)	688	6	431368 565666
100	BGS Recorded Mineral Sites Site Name: Tyne Brick Works Location: , Walker, Newcastle Upon Tyne, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95974 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NW (W)	776	6	429930 565659

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	BGS Recorded Mineral Sites Site Name: Low Walker Brick & Tile Works Location: , Walker, Newcastle Upon Tyne, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95976 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Seventy Fathom Post Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (W)	944	6	429770 565175
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (W)	0	8	430706 565430
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (W)	0	-	430706 565430
	Man-Made Mining Cavities Easting: 430900 Northing: 564800 Distance: 626 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology: No Details Detail:	A8NE (S)	626	9	430900 564800
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	6	430696 565459
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	6	430717 565404
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	96	6	430706 565305
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	6	430717 565449
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	6	430696 565459
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	96	6	430706 565305
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	6	430696 565459
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	96	6	430706 565305
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	6	430706 565430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	<p>Contemporary Trade Directory Entries</p> <p>Name: A & P (Tyne) Ltd Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Ship Builders, Repairs & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	149	-	430740 565608
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Lane Plastics Location: Unit 12, Holystone Trading Estate, Hebburn, Tyne and Wear, NE31 1BJ Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	457	-	430875 564969
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Tharus Location: 13-14 Holystone Trading Est, Hebburn, Tyne and Wear, NE31 1BJ Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8NE (S)	483	-	430896 564948
104	<p>Contemporary Trade Directory Entries</p> <p>Name: Warrant Distribution Ltd Location: Argyle Street, Hebburn, Tyne and Wear, NE31 1BQ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	462	-	431076 565094
105	<p>Contemporary Trade Directory Entries</p> <p>Name: Fantasy Giftware Ltd Location: Wagonway Rd, Hebburn, Tyne & Wear, NE31 1SP Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A14SW (E)	475	-	431208 565413
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Elite Enclosures & Fabrications Ltd Location: Unit 7-8, Holystone Trading Estate, Hebburn, Tyne and Wear, NE31 1BJ Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	490	-	430843 564925
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Mick Abbott Auto Repairs & Tyre Centre Ltd Location: Unit 5, Holystone Trading Estate, Hebburn, Tyne and Wear, NE31 1BJ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	499	-	430816 564911
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Shaun Lawson Location: Unit 4, Holystone Trading Estate, Hebburn, Tyne and Wear, NE31 1BJ Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	504	-	430820 564907
107	<p>Contemporary Trade Directory Entries</p> <p>Name: Polished Plastics Location: 28, Bicester Grove, Hebburn, Tyne and Wear, NE31 1AQ Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	519	-	430922 564920
108	<p>Contemporary Trade Directory Entries</p> <p>Name: Alexander Blast Cleaning & Painting Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Blast Cleaning Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	531	-	431257 565485
109	<p>Contemporary Trade Directory Entries</p> <p>Name: I T H Location: Unit 12, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Temperature Monitoring Systems Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	544	-	430257 565096

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	<p>Contemporary Trade Directory Entries</p> <p>Name: Alan Heron Ltd Location: Unit 11, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	554	-	430235 565107
109	<p>Contemporary Trade Directory Entries</p> <p>Name: Turbo Eng Ltd Location: Unit 14, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	562	-	430256 565069
109	<p>Contemporary Trade Directory Entries</p> <p>Name: D Morle Location: Unit 14, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	562	-	430256 565069
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Nordic Marine Ltd Location: Unit 15, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	571	-	430254 565058
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Beldam Lascar Seals Ltd Location: Unit 10, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Seal & Joint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	592	-	430198 565094
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Auto-Klean Filtration Ltd Location: Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Filter Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	592	-	430198 565094
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Bill Quay Precision Engineering & Fabrications Ltd Location: Unit 10, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Machine Shops Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	592	-	430198 565094
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Technical Services Location: Unit 16, Prince Consort Ind Est, Hebburn, Tyne and Wear, NE31 1EH Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	598	-	430232 565042
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Fast Fix Fasteners Ltd Location: Unit 4, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A7NE (SW)	611	-	430210 565046
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Wright Aluminium Systems Ltd Location: Unit 9, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Aluminium Fabricators Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	617	-	430192 565059
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Car Care Location: Prince Consort Ind Est, Hebburn, Tyne & Wear, NE31 1EH Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A7NE (SW)	620	-	430233 565009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Hastings Metal Finishers Ltd Location: Unit 7, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Metal Finishing Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	645	-	430179 565032
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Jewson Ltd Location: Robert Frazer Ind Est, Station Rd, Hebburn, Tyne and Wear, NE31 1BD Classification: Builders' Merchants Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	586	-	430777 564818
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Crane Express Services Ltd Location: Unit 3, Station Road, Hebburn, Tyne and Wear, NE31 1BD Classification: Crane Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: A & T Auto Services Location: Unit 1/2, Woodhouse & Stephenson Yard, Prince Consort Road, Hebburn, Tyne and Wear, NE31 1DT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Hebburn Building Supplies Ltd Location: Unit 4, Robert Frazer Industrial Estate, Station Road, Hebburn, Tyne and Wear, NE31 1BD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: The Painters Ltd Location: Unit 1-2, Woodhouse & Stephenson Yard, Prince Consort Road, HEBBURN, Tyne and Wear, NE31 1DT Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: J Mulholland Location: Unit 9, Robert Frazer Industrial Estate, Station Road, Hebburn, Tyne and Wear, NE31 1BD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Abacos Location: Unit 3/4, Woodhouse & Stephenson Yard, Prince Consort Road, Hebburn, Tyne and Wear, NE31 1DT Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Rotec Industrial Rubber Products Location: Unit 4, Robert Frazer Industrial Estate, Station Road, Hebburn, Tyne and Wear, NE31 1BD Classification: Rubber & Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	628	-	430765 564774
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Auto Refinish Location: Unit 3/4, Woodhouse & Stephenson Yard, Prince Consort Road, Hebburn, Tyne and Wear, NE31 1DT Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	629	-	430765 564774

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	<p>Contemporary Trade Directory Entries</p> <p>Name: Holystone Ltd Location: Armstrong Technology Centre, Davy Bank, Wallsend, Tyne and Wear, NE28 6UY Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	587	-	430621 566045
112	<p>Contemporary Trade Directory Entries</p> <p>Name: North Rivers Marine Location: Armstrong Technology Centre, Davy Bank, Wallsend, Tyne and Wear, NE28 6UY Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	587	-	430621 566045
112	<p>Contemporary Trade Directory Entries</p> <p>Name: Metro Leisure Developments Ltd Location: Research Station, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Glass Fibre Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	608	-	430584 566060
112	<p>Contemporary Trade Directory Entries</p> <p>Name: Soil Machine Dynamics Location: Ceres House, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Engineering Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	608	-	430584 566060
112	<p>Contemporary Trade Directory Entries</p> <p>Name: G P Hunter Marine Services Location: Ceres House, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Ship Builders, Repairs & Fittings Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	609	-	430584 566060
113	<p>Contemporary Trade Directory Entries</p> <p>Name: Wathom Location: Unit 6 Prince Consort Rd, Hebburn, Tyne and Wear, NE31 1DS Classification: Engineers - General Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	600	-	430350 564926
114	<p>Contemporary Trade Directory Entries</p> <p>Name: Industrial Chemicals Ltd Location: Unit 1, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	621	-	431272 565714
115	<p>Contemporary Trade Directory Entries</p> <p>Name: Quay Coach Works Location: Unit 19A, Prince Consort Ind Est, Hebburn, Tyne and Wear, NE31 1EH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A7NE (SW)	622	-	430245 564994
115	<p>Contemporary Trade Directory Entries</p> <p>Name: Quey Mot Location: Unit 19, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	657	-	430234 564955
115	<p>Contemporary Trade Directory Entries</p> <p>Name: S & R Cars Location: Unit 19, Prince Consort Ind Est, Hebburn, Tyne and Wear, NE31 1EH Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	658	-	430234 564954
115	<p>Contemporary Trade Directory Entries</p> <p>Name: Quay Mot Location: Unit 19, Prince Consort Ind Est, Hebburn, Tyne and Wear, NE31 1EH Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	658	-	430234 564954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	<p>Contemporary Trade Directory Entries</p> <p>Name: Tyneside Fabrication Services Location: Unit 7,Wagonway Rd,Wagonway Ind Est, Hebburn, Tyne & Wear, NE31 1SP Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NW (E)	630	-	431358 565478
117	<p>Contemporary Trade Directory Entries</p> <p>Name: Tradeteam Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	636	-	431340 565593
118	<p>Contemporary Trade Directory Entries</p> <p>Name: Rapid Auto Breakers Location: Davy Bank, Wallsend, Tyne And Wear, NE28 6UZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	668	-	430620 566126
118	<p>Contemporary Trade Directory Entries</p> <p>Name: Ems Scaffolding Ltd Location: Davy Bank, Wallsend, Tyne And Wear, NE28 6UZ Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	668	-	430620 566126
118	<p>Contemporary Trade Directory Entries</p> <p>Name: Automative Cleaners Location: Oceana Business Park, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	668	-	430620 566126
118	<p>Contemporary Trade Directory Entries</p> <p>Name: S M D Location: Davy Bank, Wallsend, Tyne And Wear, NE28 6UZ Classification: Engineers - General Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	668	-	430620 566126
119	<p>Contemporary Trade Directory Entries</p> <p>Name: D W H Engineering Location: Unit 5, Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	669	-	430174 565001
120	<p>Contemporary Trade Directory Entries</p> <p>Name: D G Electrical (North East) Ltd Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Marine Electrical Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A14NW (NE)	671	-	431315 565739
120	<p>Contemporary Trade Directory Entries</p> <p>Name: Liddle Doors Ltd Location: Unit 2, Wagonway Road, Hebburn, NE31 1SP Classification: Door Manufacturers - Industrial Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	694	-	431331 565758
120	<p>Contemporary Trade Directory Entries</p> <p>Name: A H Engineering North East Ltd Location: Unit 5, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	694	-	431331 565758
120	<p>Contemporary Trade Directory Entries</p> <p>Name: A F L Engineering Ltd Location: Unit 5, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	694	-	431331 565758
120	<p>Contemporary Trade Directory Entries</p> <p>Name: Kroma Engineering & Fabrications Ltd Location: Unit 7/8, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	694	-	431331 565758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	Contemporary Trade Directory Entries Name: A F I Uplift Location: Unit 7, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	694	-	431331 565758
120	Contemporary Trade Directory Entries Name: A & H Engineering Location: Unit 5, Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	694	-	431331 565758
121	Contemporary Trade Directory Entries Name: Leisure Systems Location: 19, Troilus Gardens, Hebburn, Tyne and Wear, NE31 1FG Classification: Swimming Pool Contractors, Repairers & Service Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	672	-	430977 564776
122	Contemporary Trade Directory Entries Name: Frazer Location: Station Road, Hebburn, Tyne and Wear, NE31 1BD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	688	-	430743 564714
122	Contemporary Trade Directory Entries Name: Hogg Mot Location: Unit 2 Frazer Indust Est, Station Rd, Hebburn, Tyne & Wear, NE31 1BD Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	707	-	430719 564694
122	Contemporary Trade Directory Entries Name: Rotech Location: Unit 4, Robert Frazer Ind Est, Station Rd, Hebburn, Tyne & Wear, NE31 1BD Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	717	-	430727 564684
123	Contemporary Trade Directory Entries Name: T B L Marine Location: Wagonway Rd, Hebburn, Tyne and Wear, NE31 1SP Classification: Marine Electrical Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	719	-	431442 565518
124	Contemporary Trade Directory Entries Name: A & P Tyne Ltd Location: Benton Way, Wallsend, Tyne and Wear, NE28 6EY Classification: Ship Builders, Repairs & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	721	-	430004 565705
125	Contemporary Trade Directory Entries Name: The Holystone Group Ltd Location: Armstrong Technology Centre, Oceana Business Park, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	726	-	430537 566170
125	Contemporary Trade Directory Entries Name: Conmarque Engineering Ltd Location: Wallsend Research Station, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	752	-	430522 566193
126	Contemporary Trade Directory Entries Name: Abricot Ltd Location: Davy Bank, Wallsend, Tyne & Wear, NE28 6UZ Classification: Industrial Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	740	-	430854 566188

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Holy Stone Ltd Location: Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	740	-	430832 566192
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Ashton Garage Ltd Location: Hadrian Rd, Wallsend, Tyne and Wear, NE28 6HH Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A18NE (N)	783	-	430861 566230
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Davy Bank Test Centre Location: East Side, Davy Bank, Wallsend, Tyne and Wear, NE28 6UZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A18NE (N)	783	-	430861 566230
127	<p>Contemporary Trade Directory Entries</p> <p>Name: Newlook Location: 27, Barnard Crescent, Hebburn, Tyne and Wear, NE31 1HW Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	777	-	431423 565045
128	<p>Contemporary Trade Directory Entries</p> <p>Name: Marine & General Engineering Services & Supplies Ltd Location: Wagonway Rd, Hebburn, Tyne & Wear, NE31 1SP Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	788	-	431506 565556
129	<p>Contemporary Trade Directory Entries</p> <p>Name: Diamond Cleaning Location: 143, Hedgeley Road, Hebburn, Tyne and Wear, NE31 1HB Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	807	-	431350 564882
130	<p>Contemporary Trade Directory Entries</p> <p>Name: G D Contract Services Location: unit 7, Segedunum Business Centre, Station Rd, Wallsend, Tyne and Wear, NE28 6HQ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	819	-	430168 566086
130	<p>Contemporary Trade Directory Entries</p> <p>Name: G D Contract Services Ltd Location: Segedunum Business Centre, Station Road, Wallsend, Tyne and Wear, NE28 6HQ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	843	-	430146 566098
130	<p>Contemporary Trade Directory Entries</p> <p>Name: Gd Contract Services Location: Bankside Building, Segedunum Business Centre, Station Road, Wallsend, Tyne and Wear, NE28 6HQ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	843	-	430146 566098
131	<p>Contemporary Trade Directory Entries</p> <p>Name: Configure North East Location: Abby House, Hadrian Rd, Wallsend, Tyne and Wear, NE28 6HH Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	825	-	430733 566288
131	<p>Contemporary Trade Directory Entries</p> <p>Name: Ace Blasting Services Location: Hadrian Rd, Wallsend, Tyne & Wear, NE28 6HH Classification: Blast Cleaning Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	827	-	430738 566290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Contemporary Trade Directory Entries Name: Tst 2000 Ltd Location: Unit 2, Metnor Business Pk, Hadrian Rd, Wallsend, Tyne & Wear, NE28 6HH Classification: Coating Specialists Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	828	-	430750 566290
131	Contemporary Trade Directory Entries Name: Pentagon Freight Services Plc Location: Hadrian Rd, Wallsend, Tyne and Wear, NE28 6HH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	828	-	430747 566290
131	Contemporary Trade Directory Entries Name: Go North East Go Coastline Location: Hadrian Rd, Wallsend, Tyne & Wear, NE28 6HH Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	830	-	430758 566291
131	Contemporary Trade Directory Entries Name: Boc Industrial Location: Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Gas Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	858	-	430753 566320
132	Contemporary Trade Directory Entries Name: Bel Lift Trucks Location: Unit 33a, Metnor Business Park, Hadrian Rd, Wallsend, Tyne And Wear, NE28 6HH Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	828	-	430707 566291
133	Contemporary Trade Directory Entries Name: A & B Crane & Electrical Services Location: Prince Consort Industrial Estate, Hebburn, Tyne and Wear, NE31 1EH Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	839	-	430103 564828
134	Contemporary Trade Directory Entries Name: Liddle Doors Ltd Location: Wagonway Road, Hebburn, Tyne and Wear, NE31 1SP Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	846	-	431539 565659
135	Contemporary Trade Directory Entries Name: Carrville Service Station Location: Hadrian Road, Wallsend, Tyne and Wear, NE28 6HF Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	856	-	430308 566222
135	Contemporary Trade Directory Entries Name: Carville Service Station Location: Hadrian Road, Wallsend, Tyne and Wear, NE28 6HF Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	856	-	430309 566222
135	Contemporary Trade Directory Entries Name: Pipe Coil Location: Carville House, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HF Classification: Materials Handling Equipment Status: Active Positional Accuracy: Automatically positioned in the proximity of the address	A17NE (NW)	856	-	430309 566222
135	Contemporary Trade Directory Entries Name: Marine Safety Supplies Location: Carville Works, Hadrian Rd, Wallsend, Tyne and Wear, NE28 6HF Classification: Marine Equipment & Supplies Status: Active Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	856	-	430308 566222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	<p>Contemporary Trade Directory Entries</p> <p>Name: Carville Location: Hadrian Road, Wallsend, Tyne and Wear, NE28 6HF Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	856	-	430309 566222
136	<p>Contemporary Trade Directory Entries</p> <p>Name: Jewson Ltd Location: Station Rd, Hebburn, Tyne and Wear, NE31 1BD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8SE (S)	876	-	430841 564534
137	<p>Contemporary Trade Directory Entries</p> <p>Name: Heraeus Quartz Uk Ltd Location: Neptune Rd, Wallsend, Tyne And Wear, NE28 6DD Classification: Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	886	-	429840 565737
138	<p>Contemporary Trade Directory Entries</p> <p>Name: Books Plus Ltd Location: Unit 1D, Buddle Industrial Estate, Benton Way, Wallsend, Tyne and Wear, NE28 6DL Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	891	-	429939 565944
138	<p>Contemporary Trade Directory Entries</p> <p>Name: Newcastle Optical Engineering Ltd Location: Unit 1b, Buddle Industrial Estate, Benton Way, Wallsend, Tyne and Wear, NE28 6DL Classification: Optical Goods - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	899	-	429910 565916
139	<p>Contemporary Trade Directory Entries</p> <p>Name: Northern Precision Ltd Location: Buddle Industrial Estate, Benton Way, Wallsend, Tyne and Wear, NE28 6DL Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	903	-	429901 565908
139	<p>Contemporary Trade Directory Entries</p> <p>Name: Morning Star Location: Unit 1A, Buddle Industrial Estate, Benton Way, Wallsend, Tyne and Wear, NE28 6DL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	903	-	429901 565908
140	<p>Contemporary Trade Directory Entries</p> <p>Name: South Tyneside Nhs Trust Location: Clarendon, Windmill Way, Hebburn, Tyne and Wear, NE31 1AT Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	904	-	431609 565625
141	<p>Contemporary Trade Directory Entries</p> <p>Name: Stonebrook Print & Design Services Ltd Location: 2, Buddle Street, Wallsend, Tyne and Wear, NE28 6EH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	906	-	430085 566130
141	<p>Contemporary Trade Directory Entries</p> <p>Name: Classic Lifts Location: 2, Buddle Street, Wallsend, Tyne and Wear, NE28 6EH Classification: Lift Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	906	-	430085 566130
142	<p>Contemporary Trade Directory Entries</p> <p>Name: A C Pillar Tools Location: Rear Of, Glen Street, Hebburn, Tyne and Wear, NE31 1NU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A8SE (S)	908	-	430745 564493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	Contemporary Trade Directory Entries Name: Glen Street Mot Ltd Location: 40, Glen Street, Hebburn, Tyne and Wear, NE31 1NU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	928	-	430721 564473
142	Contemporary Trade Directory Entries Name: Smiths Bros Location: 44, Glen Street, Hebburn, Tyne and Wear, NE31 1NU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	938	-	430714 564463
142	Contemporary Trade Directory Entries Name: Smith Bros (Hebburn & Jarrow) Ltd Location: 44, Glen Street, Hebburn, Tyne and Wear, NE31 1NU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	938	-	430714 564463
142	Contemporary Trade Directory Entries Name: Smith Bros Location: 44, Glen Street, Hebburn, Tyne and Wear, NE31 1NU Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	938	-	430714 564463
143	Contemporary Trade Directory Entries Name: Hadrian Coachworks Ltd Location: Hadrian Rd, Wallsend, Tyne & Wear, NE28 6HS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	915	-	430990 566332
144	Contemporary Trade Directory Entries Name: Mick White Transport Location: 8, Wordsworth Avenue, Hebburn, Tyne and Wear, NE31 1QE Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	920	-	431347 564718
145	Contemporary Trade Directory Entries Name: T C S Group Location: Unit 1, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	932	-	430818 566388
145	Contemporary Trade Directory Entries Name: Tyne Tees Lifting Location: Unit 1, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	932	-	430818 566388
145	Contemporary Trade Directory Entries Name: Tyne Tees Lifting Ltd Location: Unit 3, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Lifting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	932	-	430818 566388
145	Contemporary Trade Directory Entries Name: Chromat (Uk) Ltd Location: Unit 6, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	932	-	430818 566388
145	Contemporary Trade Directory Entries Name: Delta Recycling Location: Delta House, Metnor Business Park, Hadrian Rd, Wallsend, Tyne and Wear, NE28 6HH Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	932	-	430818 566388

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	<p>Contemporary Trade Directory Entries</p> <p>Name: Tyne Tees Lifting Location: Unit 3, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	932	-	430818 566388
145	<p>Contemporary Trade Directory Entries</p> <p>Name: N T Steel Services Ltd Location: Unit 1, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	932	-	430818 566388
145	<p>Contemporary Trade Directory Entries</p> <p>Name: Resaccs Location: Unit 6, Metnor Business Park, Hadrian Road, Wallsend, Tyne and Wear, NE28 6HH Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	932	-	430818 566388
146	<p>Contemporary Trade Directory Entries</p> <p>Name: A1 Upholstery Cleaners Location: 50, St. Aloysius View, Hebburn, Tyne and Wear, NE31 1RQ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	938	-	430485 564492
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Amec Services Ltd Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	966	-	431323 566205
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Big Bin Wash Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19NW (NE)	966	-	431323 566205
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Amec Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Oil & Gas Extraction Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	966	-	431323 566205
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Bill Armstrong Cranes Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19NW (NE)	966	-	431323 566205
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Hogg Engineering Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19NW (NE)	966	-	431323 566205
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Offshore Group Location: Amec House, Amec Way, Wallsend, Tyne and Wear, NE28 6HL Classification: Oil & Gas Exploration Supplies & Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	966	-	431323 566205
148	<p>Contemporary Trade Directory Entries</p> <p>Name: Glenstreet Mot Centre Location: Glen St, Hebburn, Tyne & Wear, NE31 1NU Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8SW (S)	971	-	430694 564430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<p>Contemporary Trade Directory Entries</p> <p>Name: C L Coachworks Location: Oak Gr, Wallsend, Tyne And Wear, NE28 6PW Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A23SW (N)	991	-	430699 566454
150	<p>Contemporary Trade Directory Entries</p> <p>Name: Glen Location: 66, Glen Street, Hebburn, Tyne and Wear, NE31 1NG Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	992	-	430645 564412
151	<p>Fuel Station Entries</p> <p>Name: Carville Service Station Location: Hadrian Road, Wallsend, Tyne and Wear, NE28 6HF Brand: Gulf Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	856	-	430309 566222

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Tyneside Metropolitan Borough Council - Neighbourhood Services Gateshead Metropolitan Borough Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department City of Newcastle upon Tyne Council - Environmental Health Department	December 2014 July 2013 March 2015 March 2015 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North East Region	April 2015	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	April 2015	Quarterly
Local Authority Integrated Pollution Prevention And Control North Tyneside Metropolitan Borough Council - Environmental Health Department Gateshead Metropolitan Borough Council - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department City of Newcastle upon Tyne Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014 February 2013 July 2013 June 2013 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls North Tyneside Metropolitan Borough Council - Environmental Health Department City of Newcastle upon Tyne Council - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department Gateshead Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014 January 2015 July 2013 October 2014 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North Tyneside Metropolitan Borough Council - Environmental Health Department City of Newcastle upon Tyne Council - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department Gateshead Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014 January 2015 July 2013 October 2014 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances Scottish Environment Protection Agency - Head Office	January 1998	Not Applicable
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2015 April 2015	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North East Region	April 2015	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	April 2015	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2015	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2015	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2015	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2015	Quarterly
Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	May 2015 May 2015	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	August 2014 August 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2015 April 2015	Quarterly Quarterly
Local Authority Landfill Coverage City of Newcastle upon Tyne Council - Environmental Health Department Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City of Newcastle upon Tyne Council - Environmental Health Department Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2015	Bi-Annually
Explosive Sites Health and Safety Executive	June 2015	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Gateshead Metropolitan Borough Council - Development Control South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council - Development Function	December 2014 December 2014 March 2014 March 2015 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Gateshead Metropolitan Borough Council - Development Control South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council - Development Function	December 2014 December 2014 March 2014 March 2015 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2015	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2015	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2015	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	May 2015 May 2015 May 2015 May 2015 May 2015	As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	May 2015 May 2015 May 2015 May 2015 May 2015	As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	February 2015	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2014	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2015	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	March 2015	Bi-Annually
National Parks Natural England	February 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	July 2014	Annually
Ramsar Sites Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2015	Bi-Annually
Special Areas of Conservation Natural England	March 2014	Bi-Annually
Special Protection Areas Natural England	April 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
3	South Tyneside Metropolitan Borough Council - Environmental Health Department Central Library Building, Prince George Square, South Shields, Tyne And Wear, NE33 2PE	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
4	North Tyneside Metropolitan Borough Council - Environmental Health Department D1 Quadrant 1L, Quadrant East, Silverlink North,, Cobalt Business Park, North Tyneside, North Shields, NE27 0BY	Telephone: 0345 2000 101 Email: contact.us@northtyneside.gov.uk Website: www.northtyneside.gov.uk
5	Scottish Environment Protection Agency - Head Office Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
6	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
7	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
9	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
10	Natural England Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
12	South Tyneside Metropolitan Borough Council - Planning Department Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
13	City of Newcastle upon Tyne Council - Environmental Health Department Civic Centre, Barras Bridge, Newcastle-upon-tyne, Tyne And Wear, NE1 8PB	Telephone: 0191 232 8520 Fax: 0191 211 4962 Email: phep@newcastle.gov.uk Website: www.newcastle.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



Useful Contacts

Contact	Name and Address	Contact Details
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Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

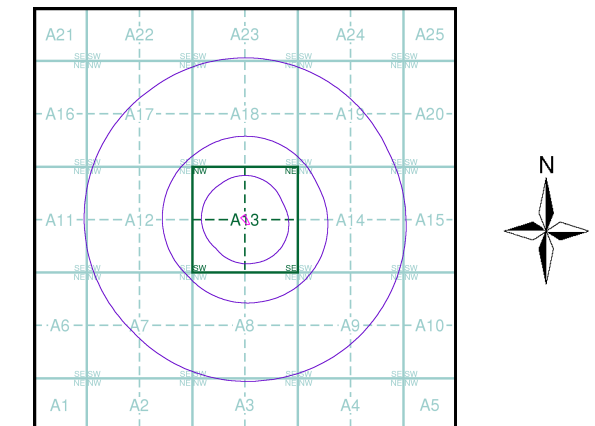
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1862	3
Northumberland	1:10,560	1864 - 1865	4
Northumberland	1:10,560	1898 - 1899	5
Durham	1:10,560	1898	6
Durham	1:10,560	1921	7
Northumberland	1:10,560	1921	8
Durham	1:10,560	1938	9
Durham	1:10,560	1938	10
Northumberland	1:10,560	1938	11
Ordnance Survey Plan	1:10,000	1951 - 1952	12
Ordnance Survey Plan	1:10,000	1957	13
Ordnance Survey Plan	1:10,000	1958	14
Ordnance Survey Plan	1:10,000	1967 - 1968	15
Ordnance Survey Plan	1:10,000	1973 - 1979	16
Newcastle-upon-Tyne	1:25,000	1977	17
Ordnance Survey Plan	1:10,000	1982 - 1988	18
Ordnance Survey Plan	1:10,000	1991 - 1995	19
VectorMap Local	1:10,000	2015	20

Historical Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Small Bridge		Tunnel
	Pipe (Culvert)		Railroad and Station Building
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180 / 12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Mine or Open Pit Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Salt Mine		Tailings Pile
	Pit		Stone Quarry
	Gas Pump or Service Station		Fuel Storage or Natural Gas Tank
	Oil or Natural Gas Derrick		Small Hydroelectric Power Station
	Power Station		Transformer Station
	Cemetery		Burial Mound (height in metres)
	Triangulation Point on Burial Mound		Triangulation Point
	Bench Mark		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Steep Grade		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Water Reservoir or Rain Water Pit
	Spring		Isobath with value
	Heavy (Index) Contour Line		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

NZ26_Newcastle

No.	Description
23	Factory (Use Unknown)

NZ36_Newcastle

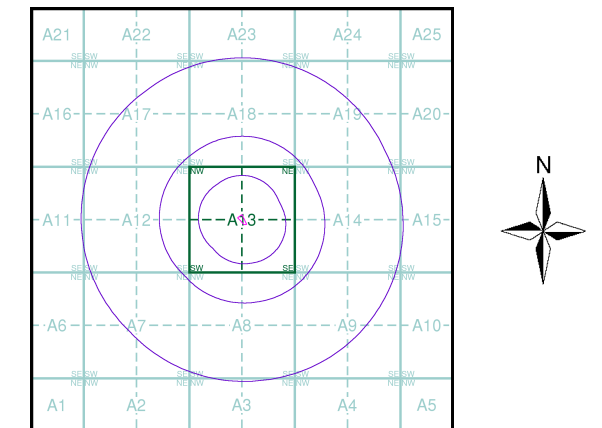
No.	Description
43	Factory (Engineering)
66	Factory (Ship Repairs)
72	Factory (Ship Building)
73	Factory (Ship Building)
80	Factory (Pipe)
85	Factory (Non-Ferrous Metals)



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1862	3
Northumberland	1:10,560	1864 - 1865	4
Northumberland	1:10,560	1898 - 1899	5
Durham	1:10,560	1898	6
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Ordnance Survey Plan	1:10,000	1967 - 1968	15
Ordnance Survey Plan	1:10,000	1973 - 1979	16
Newcastle-upon-Tyne	1:25,000	1977	17
Ordnance Survey Plan	1:10,000	1982 - 1988	18
Ordnance Survey Plan	1:10,000	1991 - 1995	19
VectorMap Local	1:10,000	2015	20

Russian Map - Slice A



Order Details

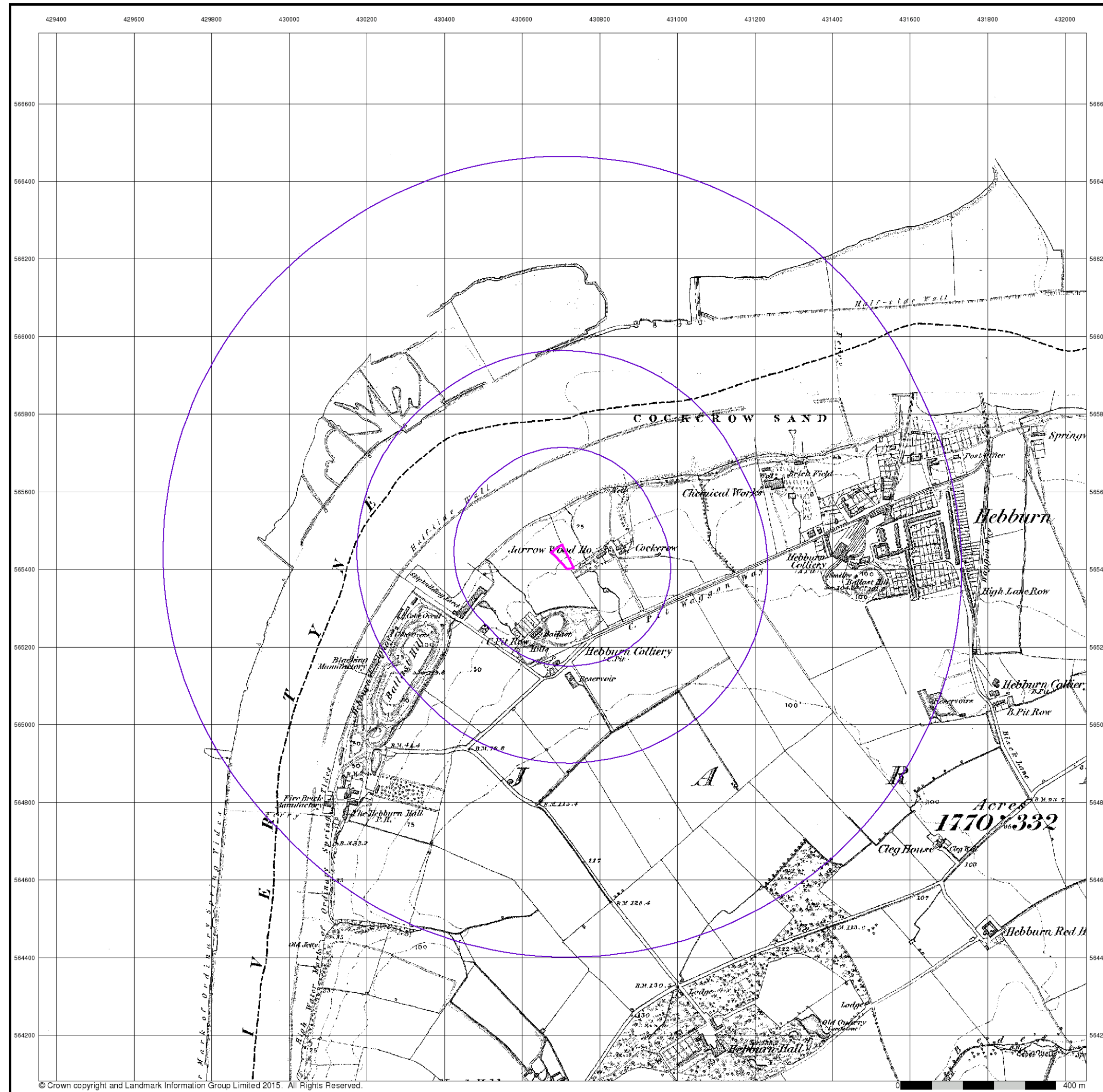
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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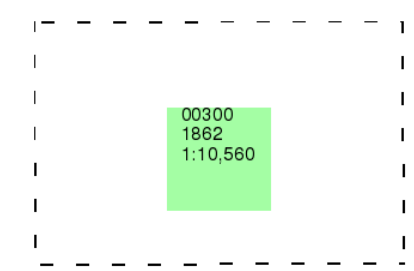
Durham

Published 1862

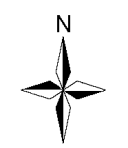
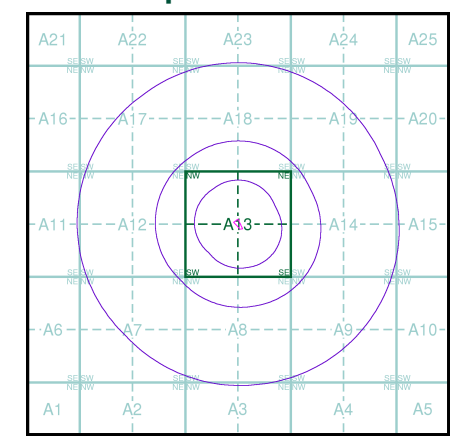
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

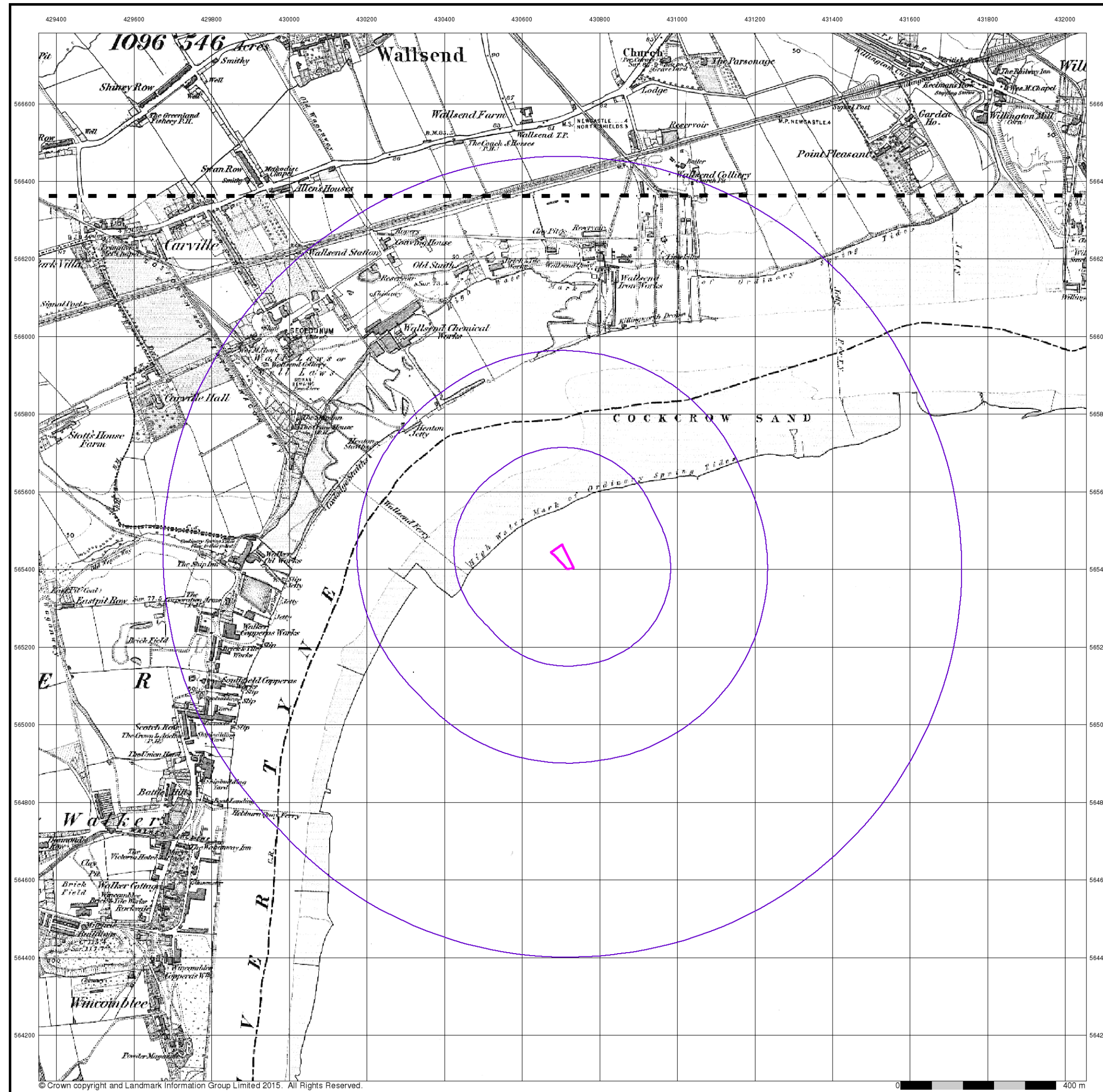
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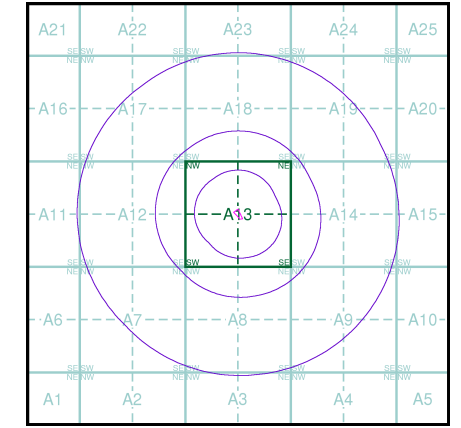
Northumberland
Published 1864 - 1865
Source map scale - 1:10,560

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Map Name(s) and Date(s)

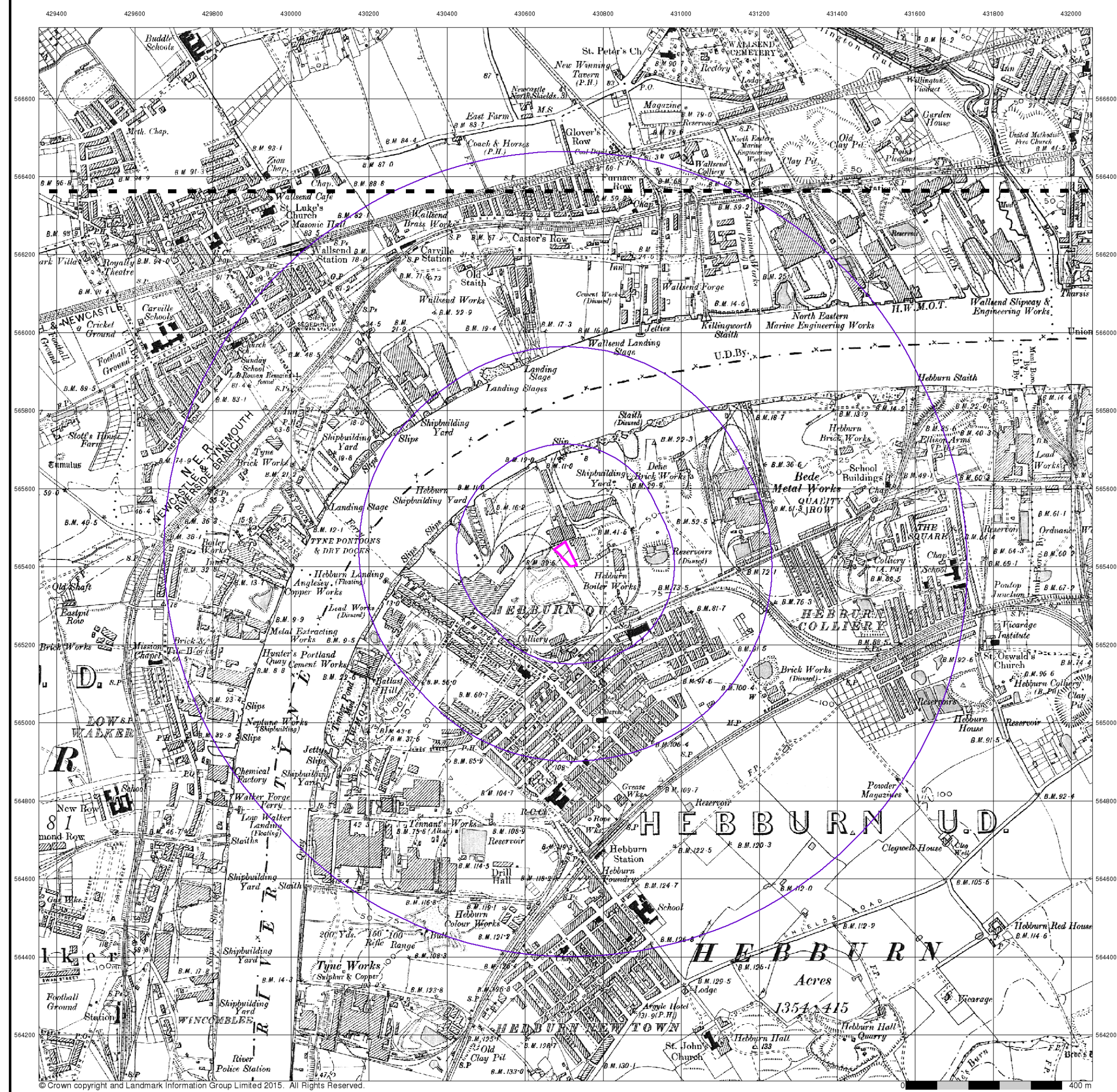
08900	1865	1:10,560
09800	1864	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details
 Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



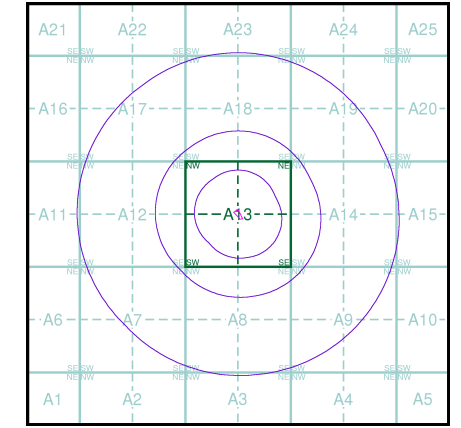
Northumberland
Published 1898 - 1899
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

089SW	1898	1:10,560
098NW	1899	1:10,560

Historical Map - Slice A



Order Details

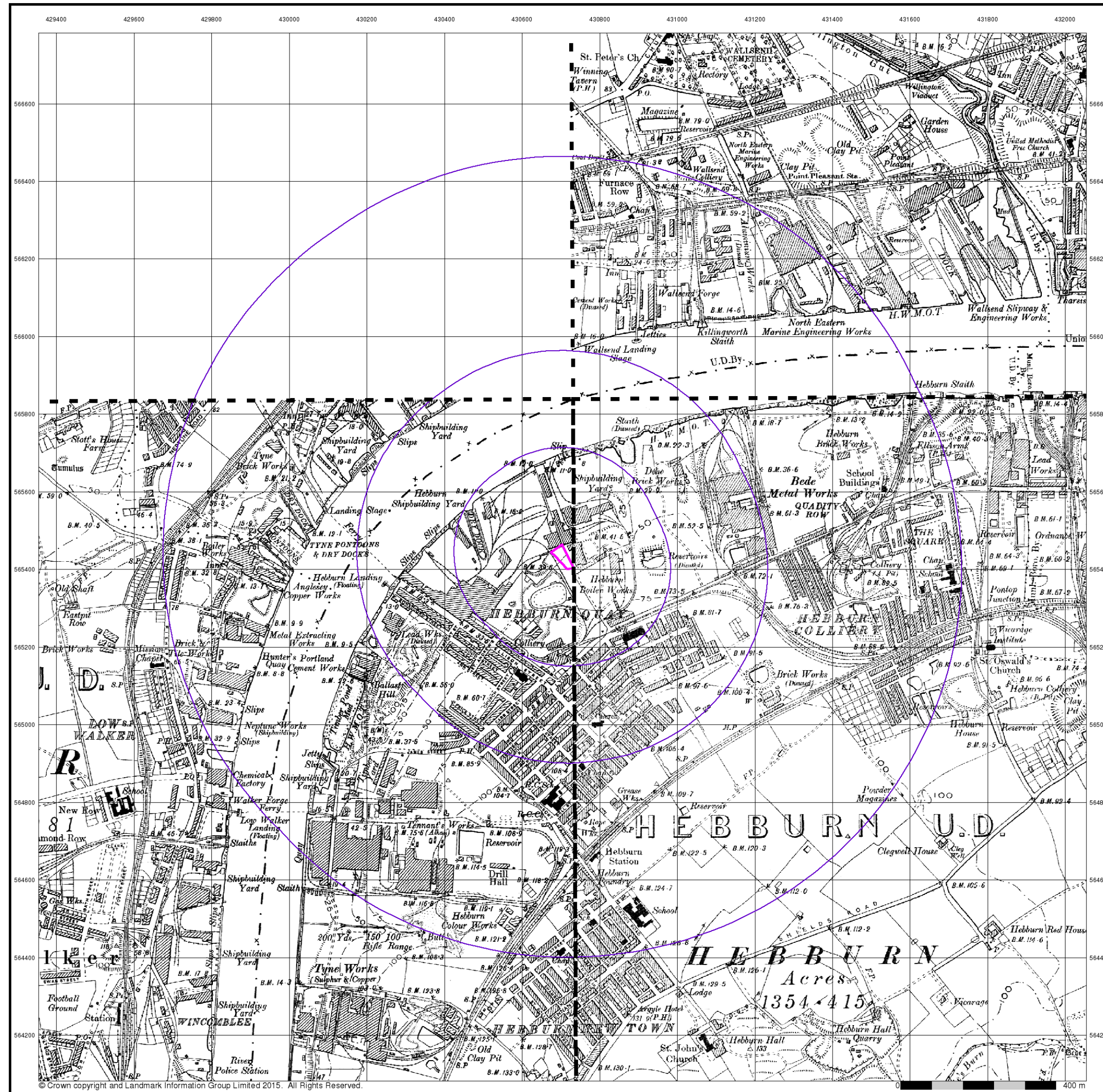
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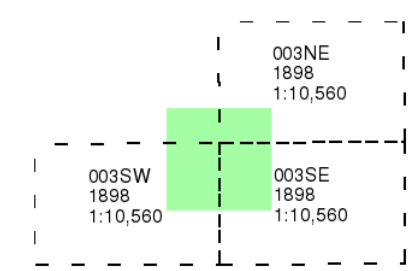
Durham

Published 1898

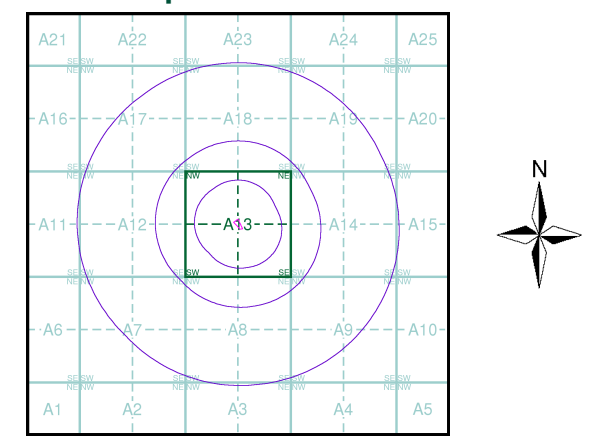
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

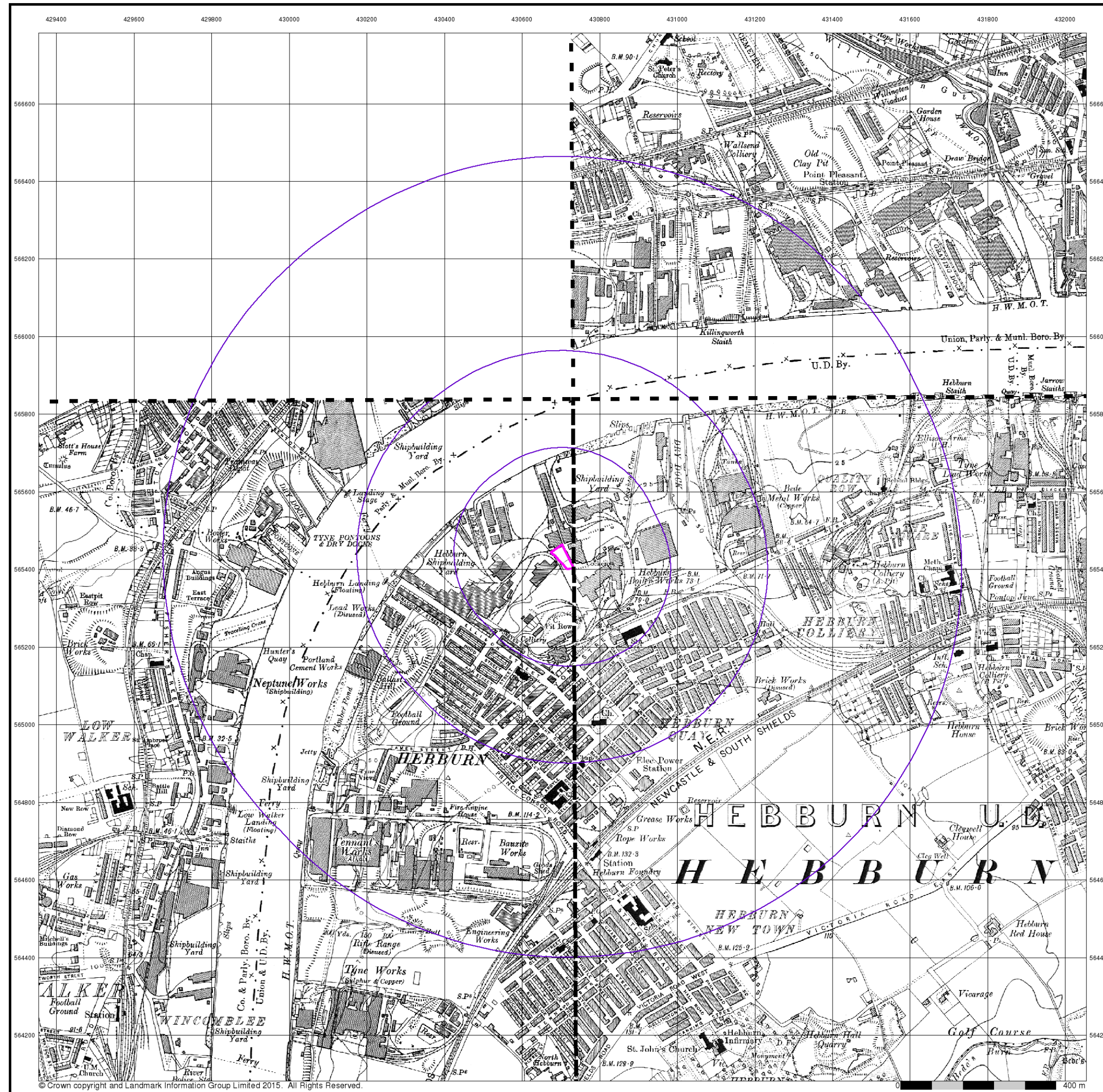
Order Number: 70629063_1_1
 Customer Ref: 15-445
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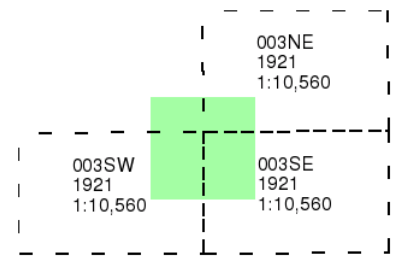
Durham

Published 1921

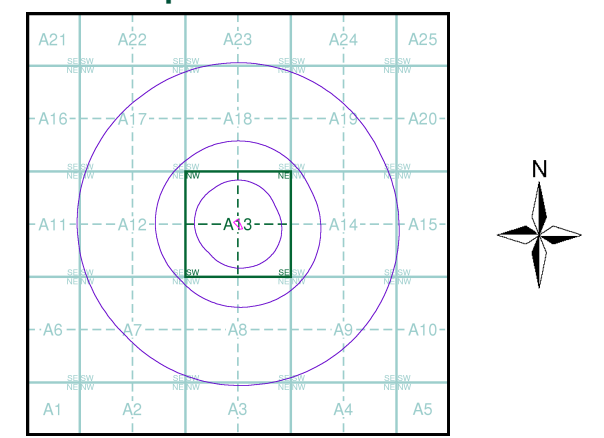
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

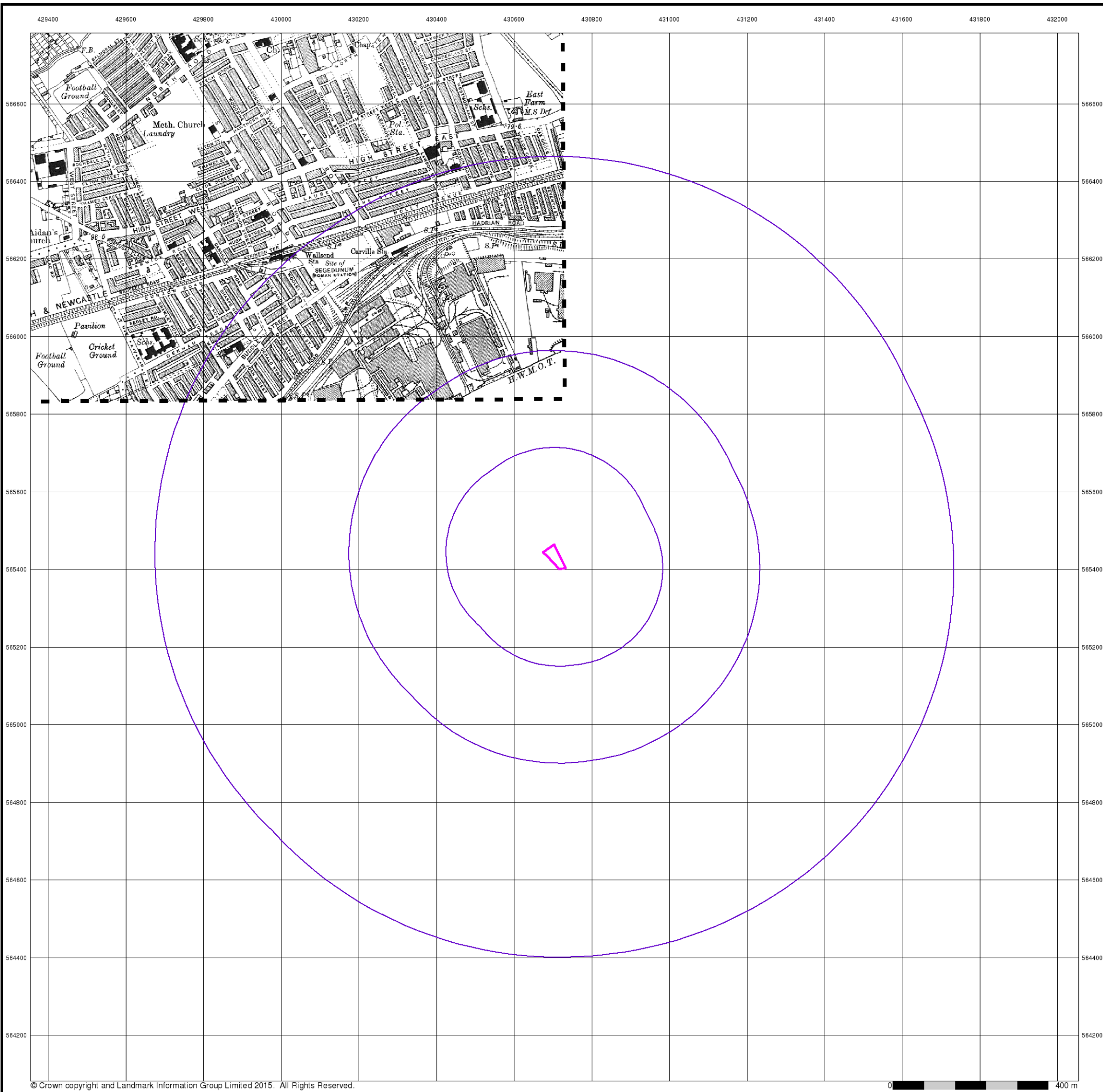
Order Number: 70629063_1_1
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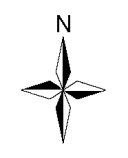
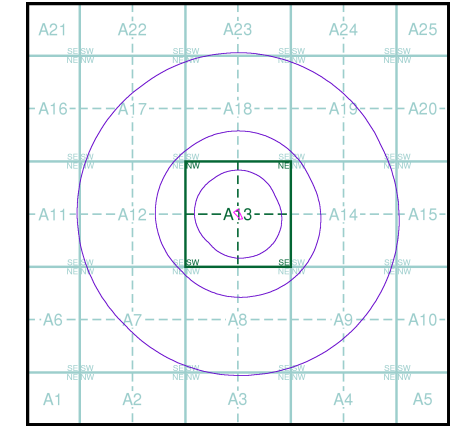
Northumberland
Published 1921
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

095NW
1921
1:10,560

Historical Map - Slice A



Order Details

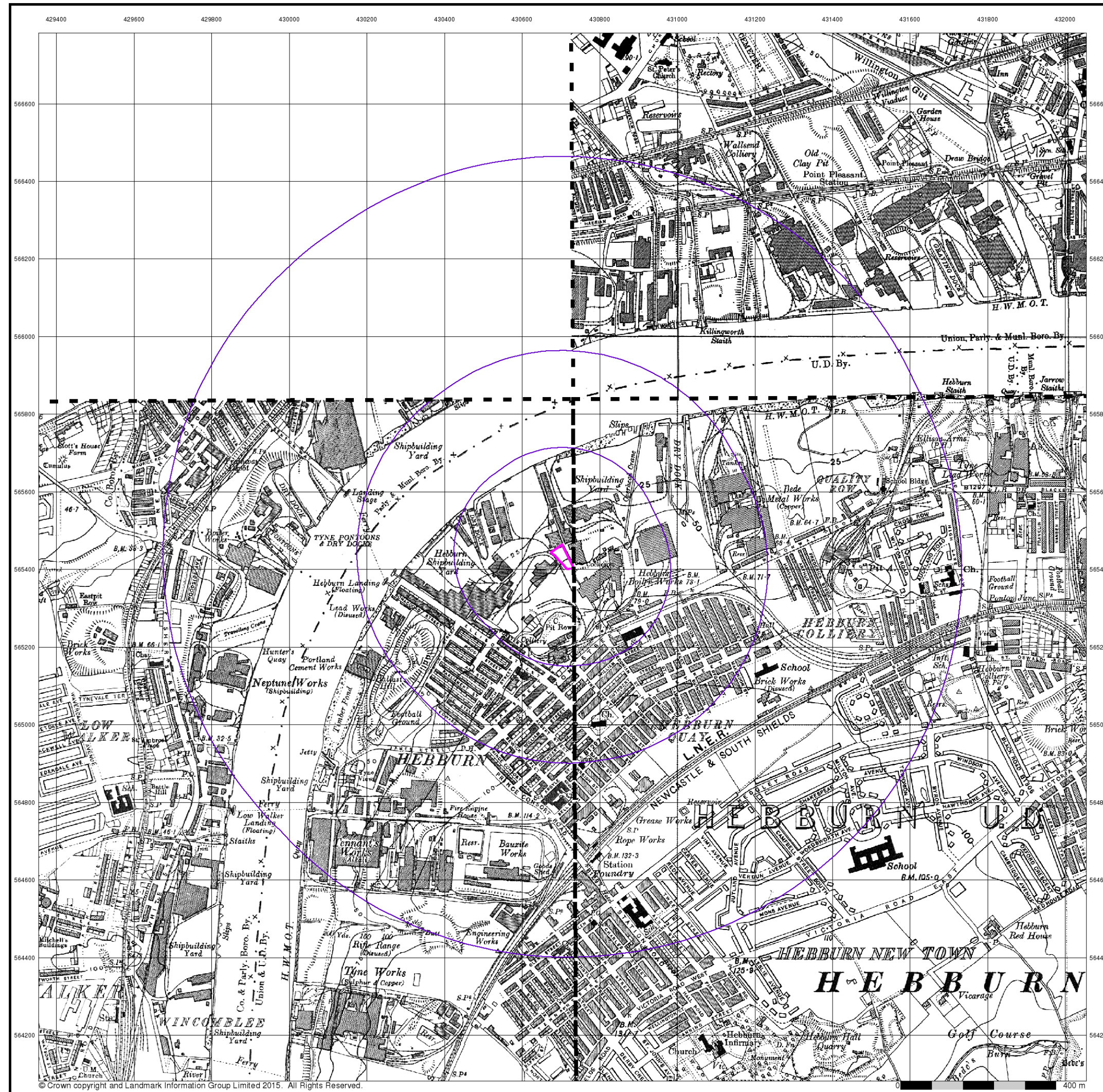
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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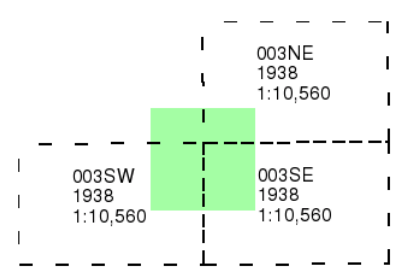
Durham

Published 1938

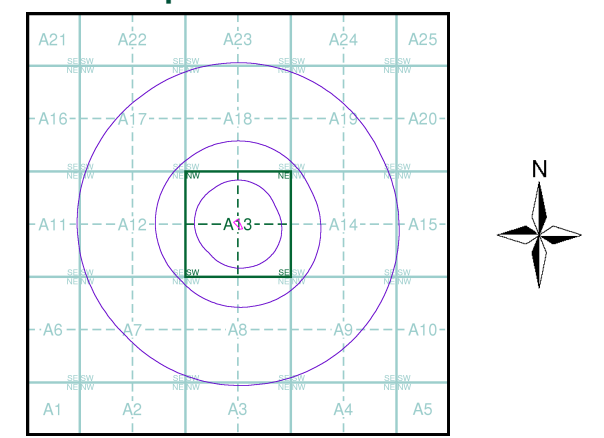
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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429400 429600 429800 430000 430200 430400 430600 430800 431000 431200 431400 431600 431800 432000



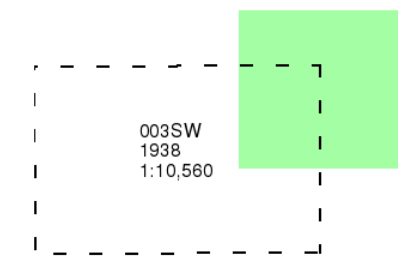
Durham

Published 1938

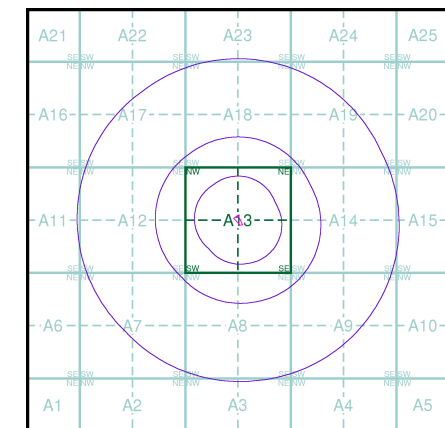
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

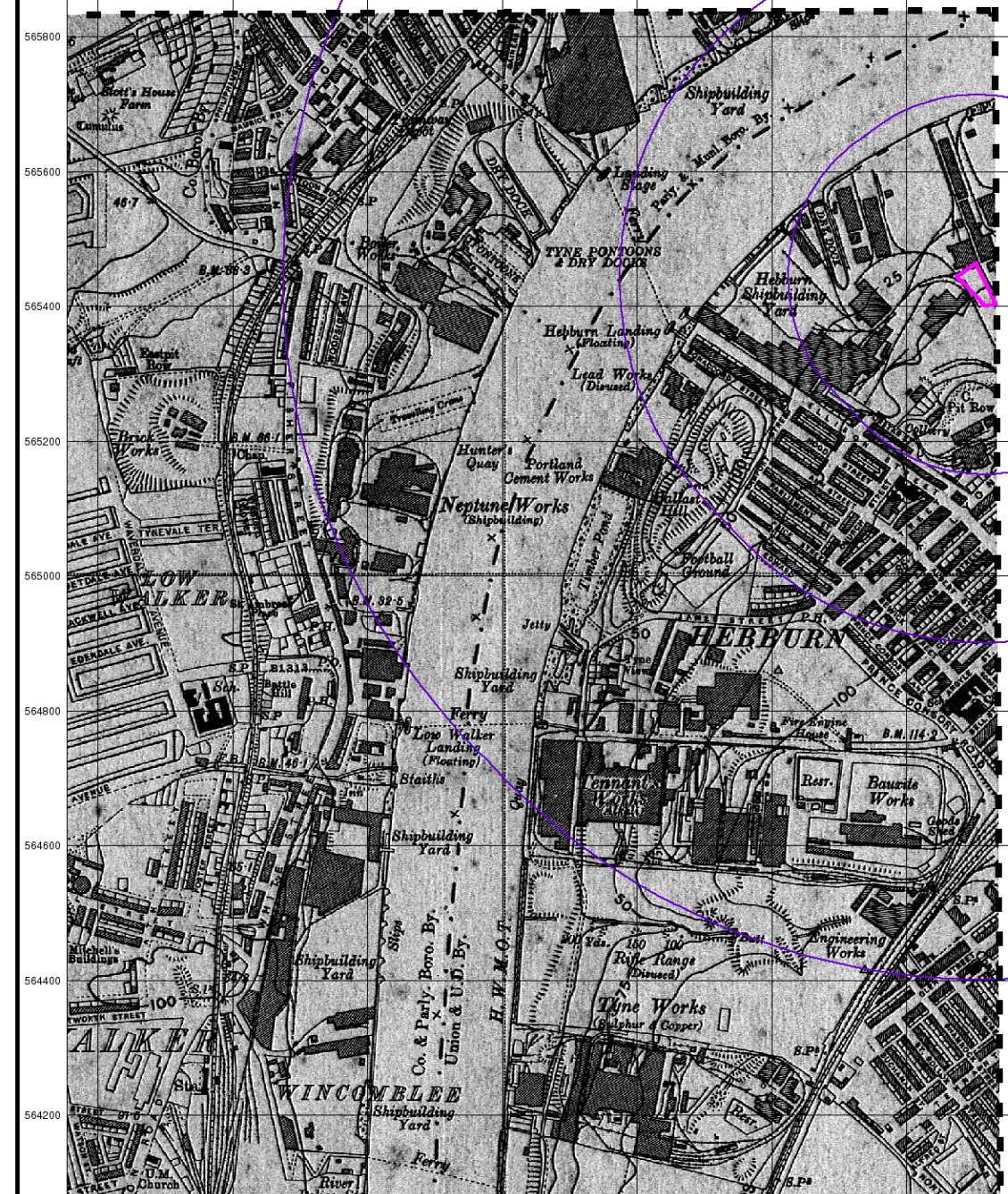
Order Number: 70629063_1_1
Customer Ref: 15-445
National Grid Reference: 430710, 565430
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH

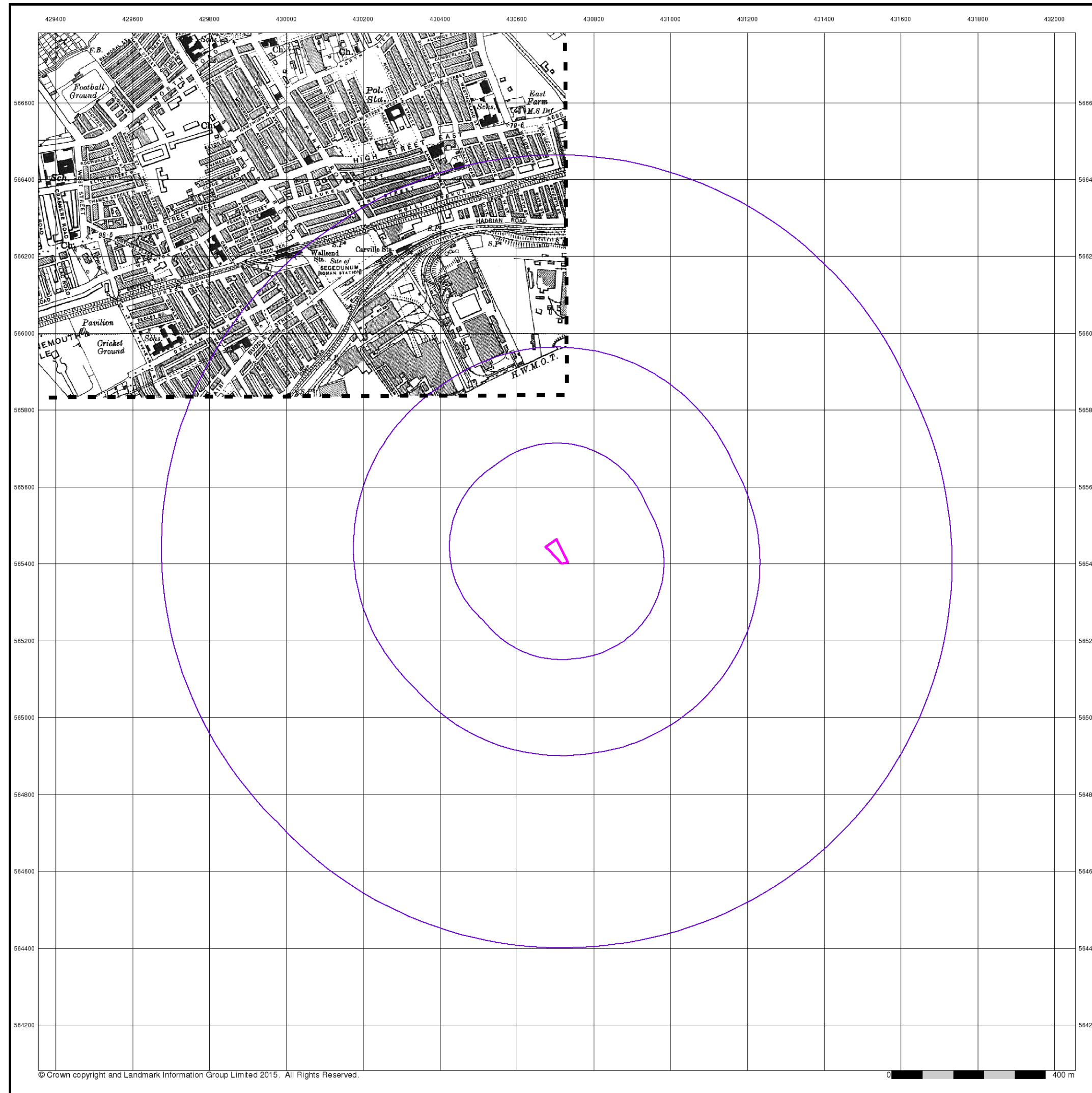


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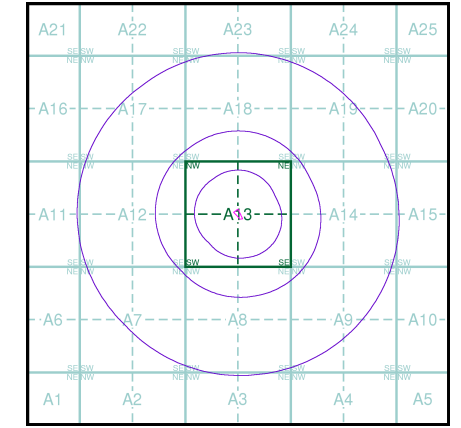
Northumberland
Published 1938
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

095NW
1938
1:10,560

Historical Map - Slice A



Order Details
 Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details
 Cavalier View, Hebburn, Tyne and Wear, NE31 1DH

429400 429600 429800 430000 430200 430400 430600 430800 431000 431200 431400 431600 431800 432000



Ordnance Survey Plan

Published 1951 - 1952

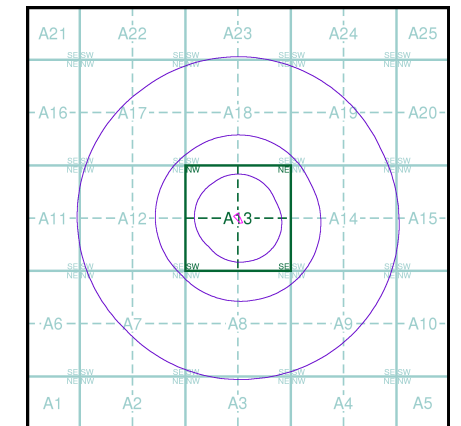
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

NZ26NE	NZ36NW
1952	1951
1:10,560	1:10,560
NZ26SE	NZ36SW
1951	1952
1:10,560	1:10,560

Historical Map - Slice A



Order Details

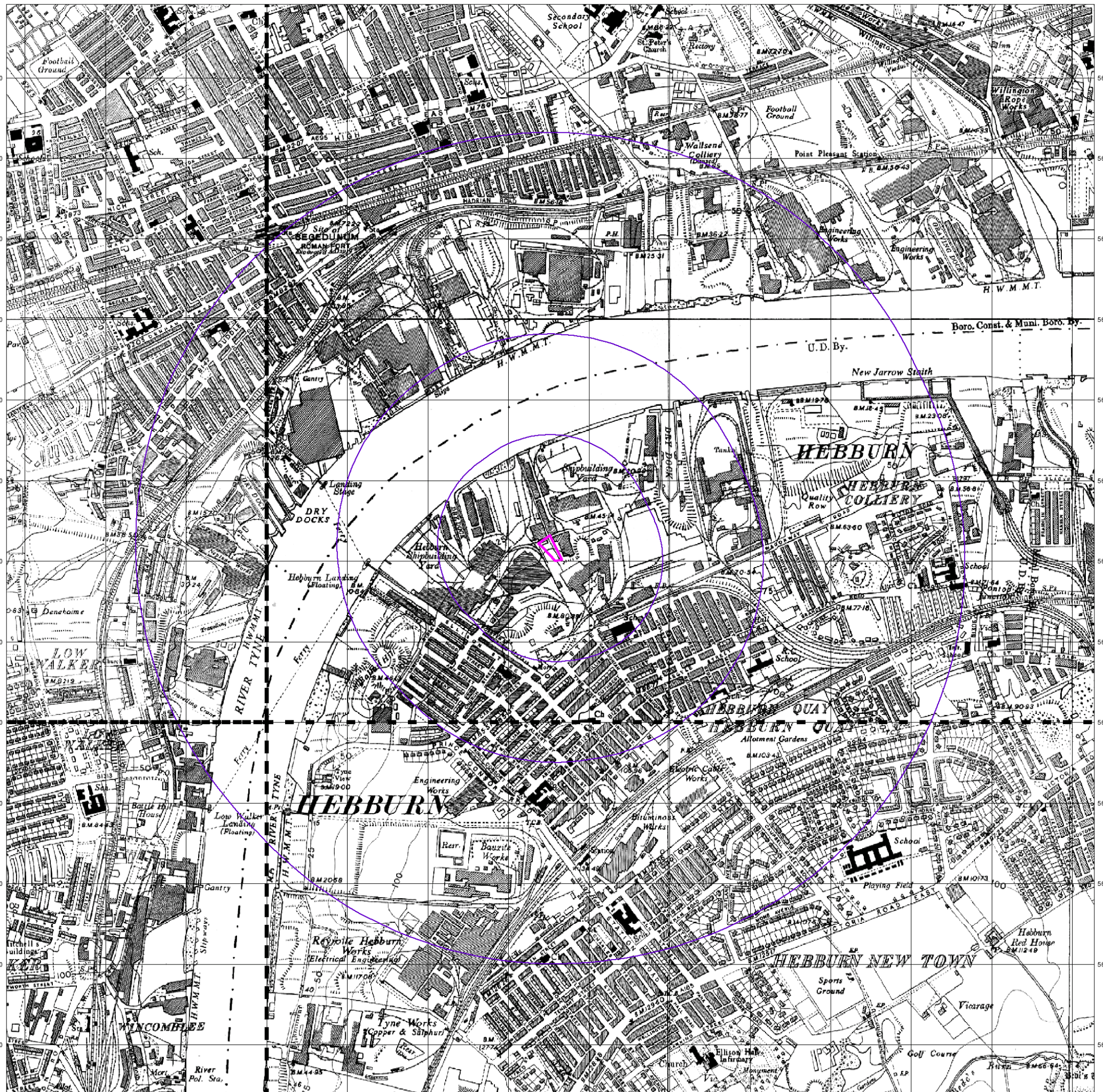
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

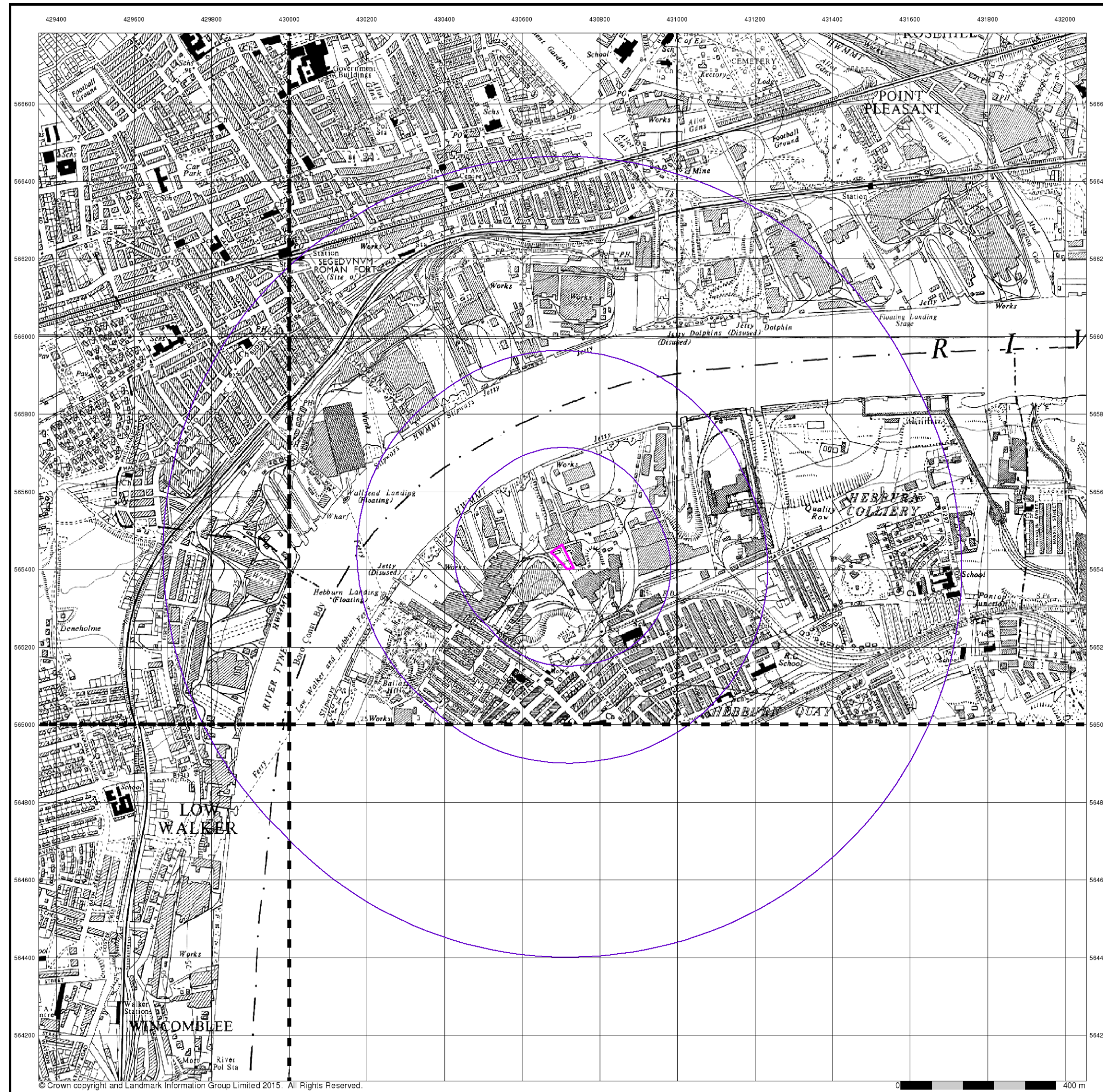
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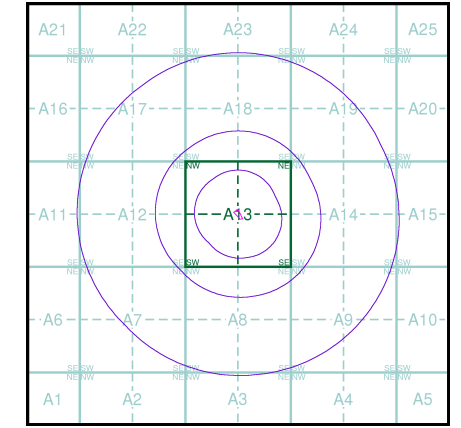
Ordnance Survey Plan
Published 1957
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

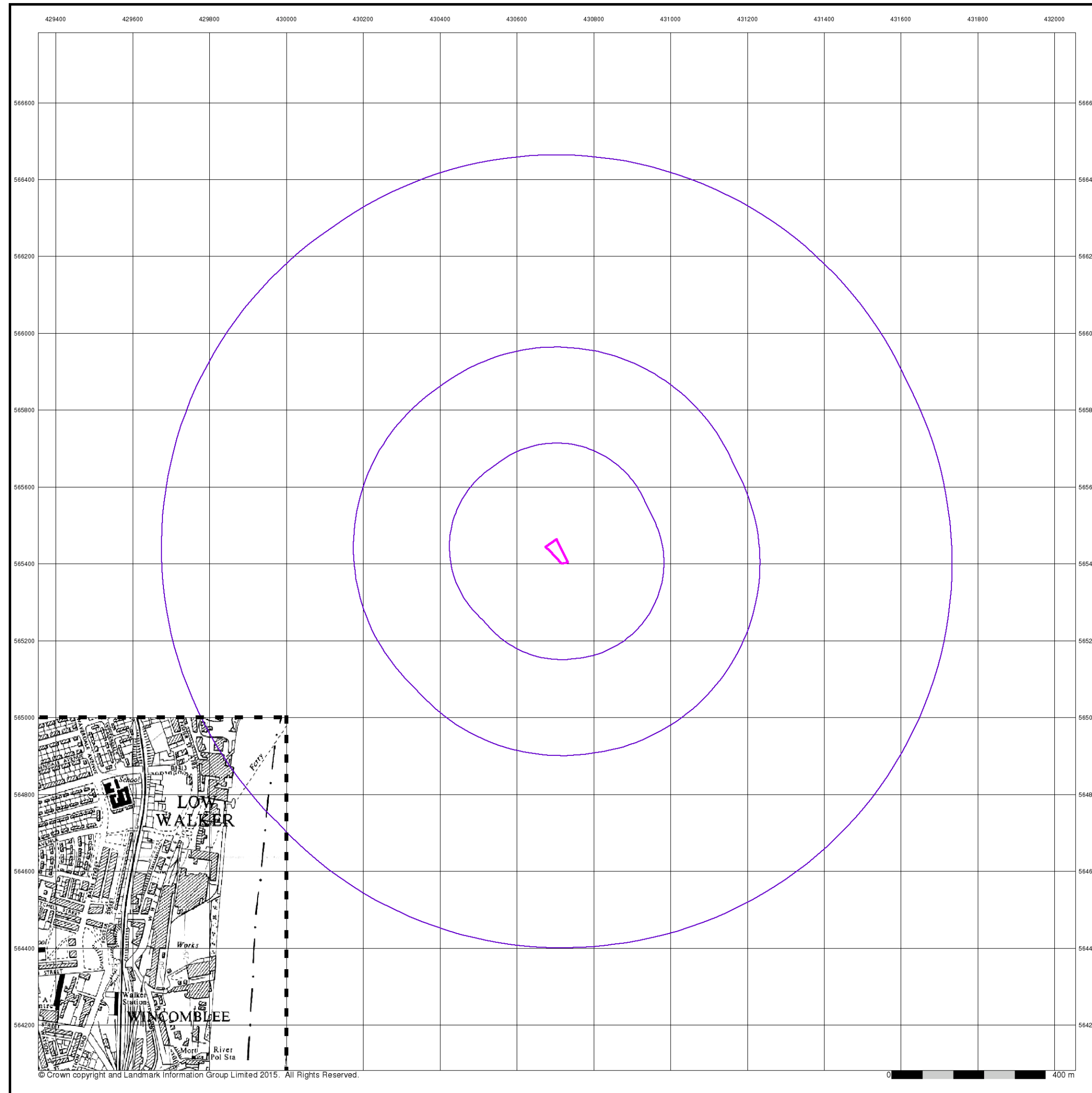
NZ26NE	NZ36NW
1957	1957
1:10,560	1:10,560
NZ26SE	
1957	
1:10,560	

Historical Map - Slice A



Order Details
 Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

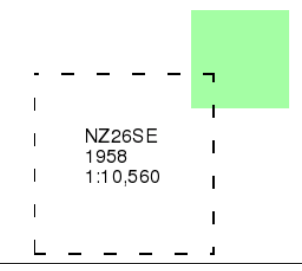
Site Details
 Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



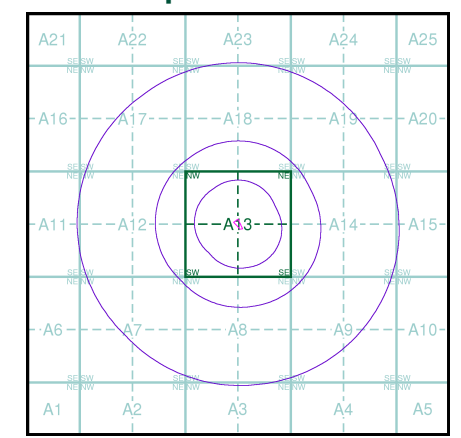
Ordnance Survey Plan
Published 1958
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

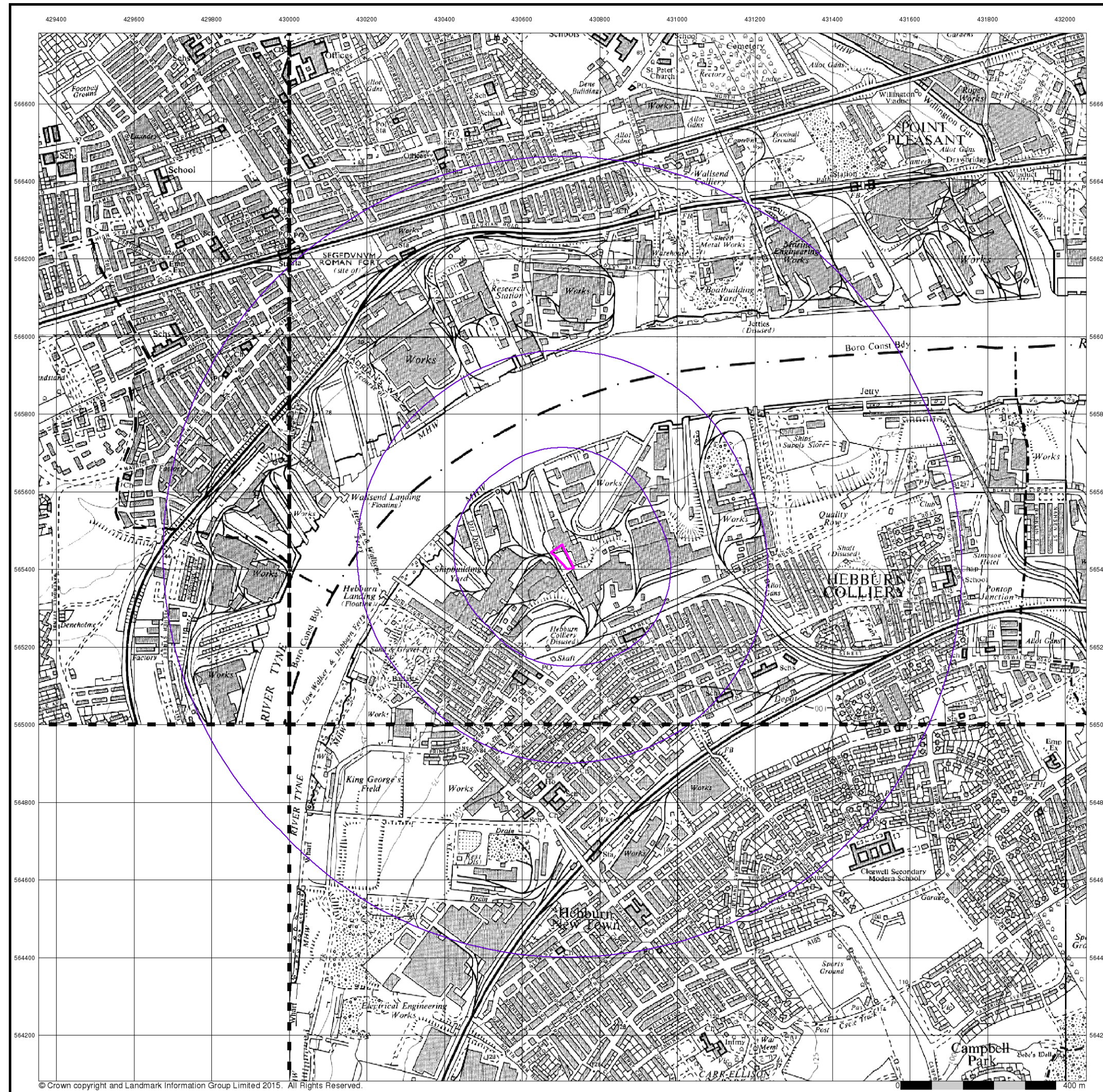
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

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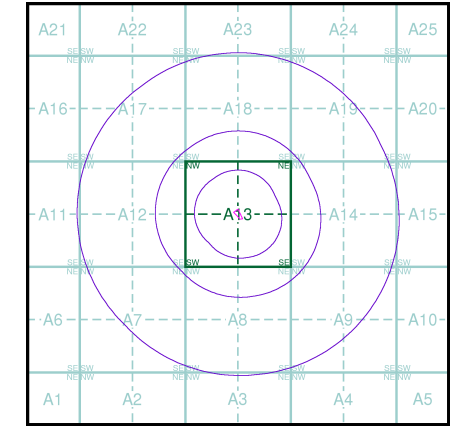
Ordnance Survey Plan
Published 1967 - 1968
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

NZ26NE	NZ36NW
1968	1967
1:10,560	1:10,560
	NZ36SW
	1967
	1:10,560

Historical Map - Slice A



Order Details

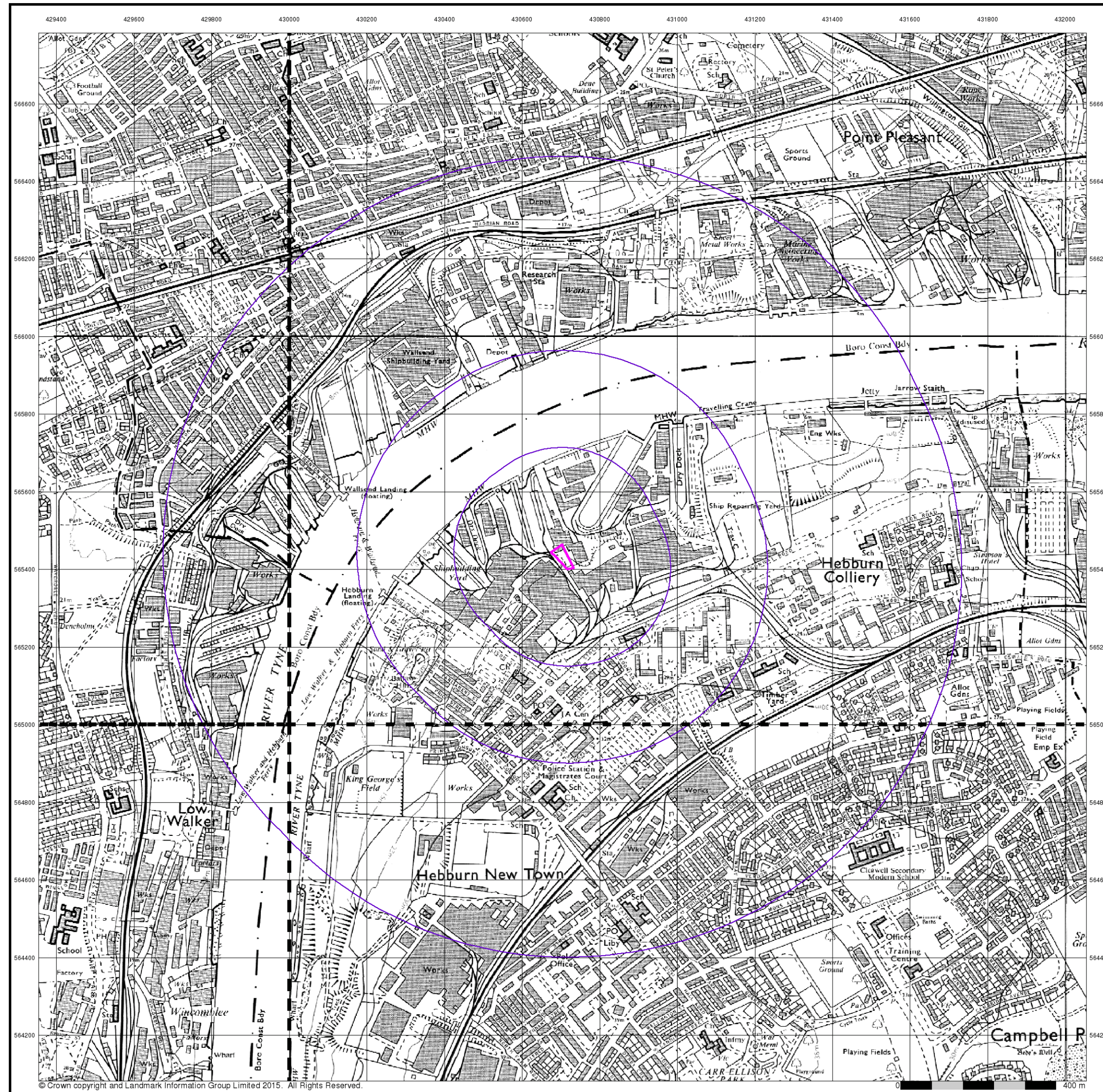
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

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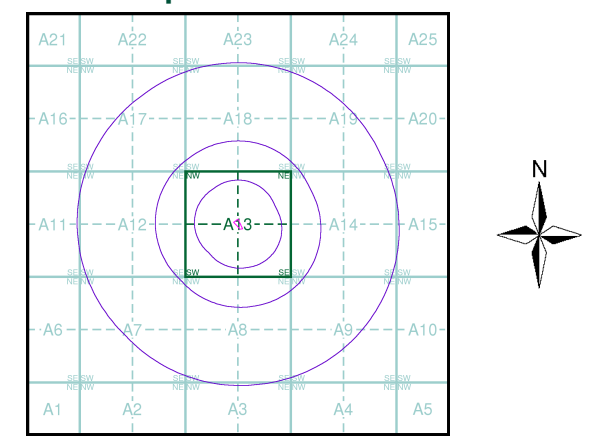
Ordnance Survey Plan
Published 1973 - 1979
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

NZ26NE	NZ36NW
1979	1973
1:10,000	1:10,000
NZ26SE	NZ36SW
1973	1975
1:10,000	1:10,000

Historical Map - Slice A



Order Details

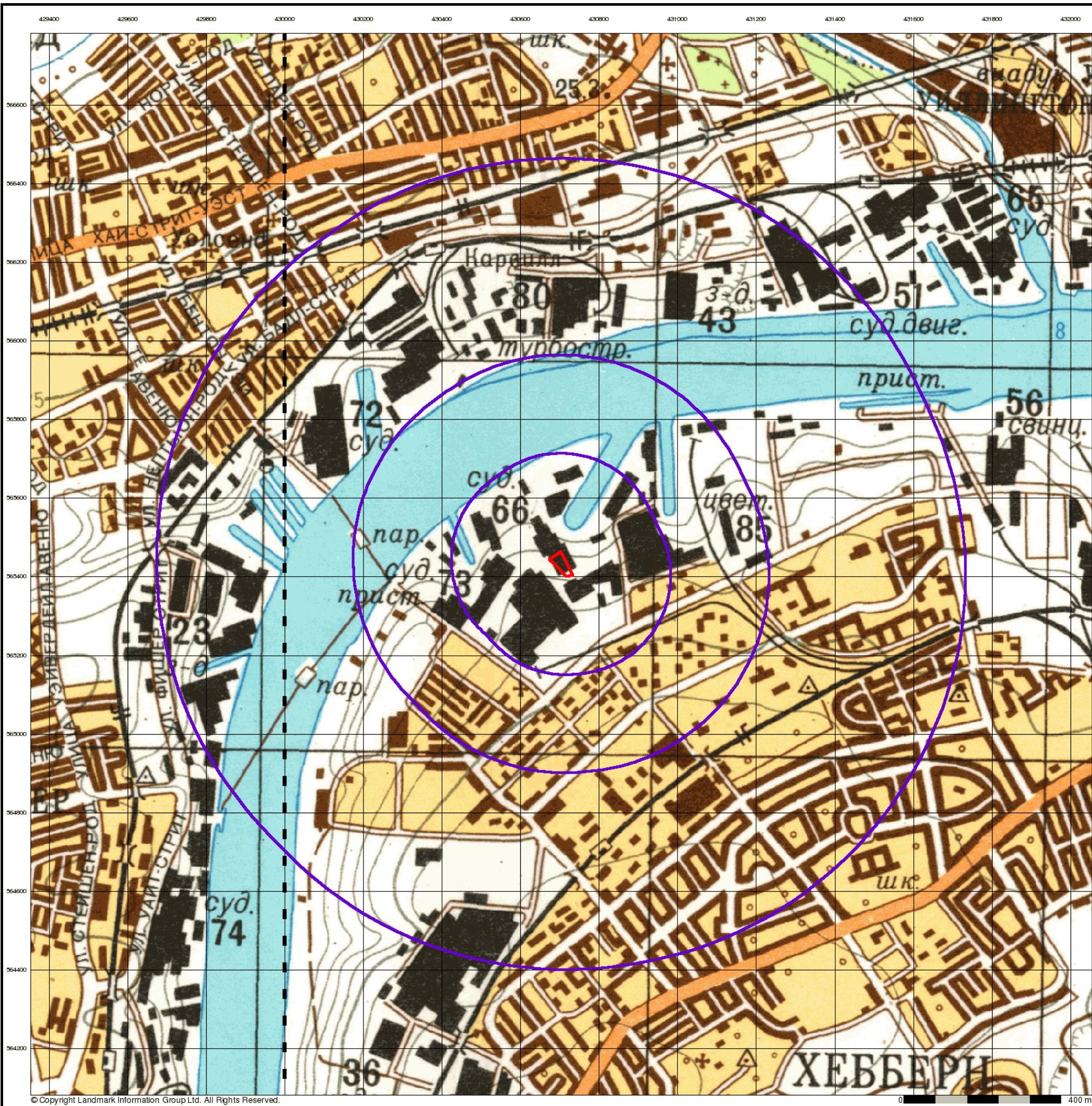
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

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Newcastle-upon-Tyne

Published 1977

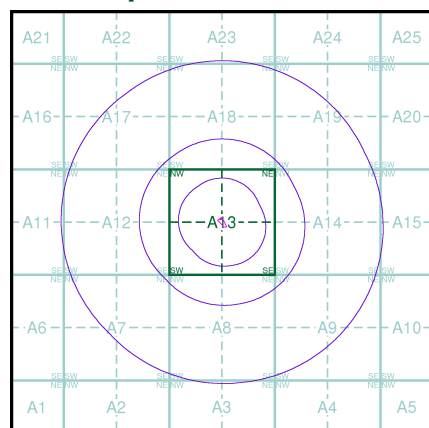
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

NZ26 1977 1:25,000	NZ36 1977 1:25,000
--------------------------	--------------------------

Russian Map - Slice A



Order Details

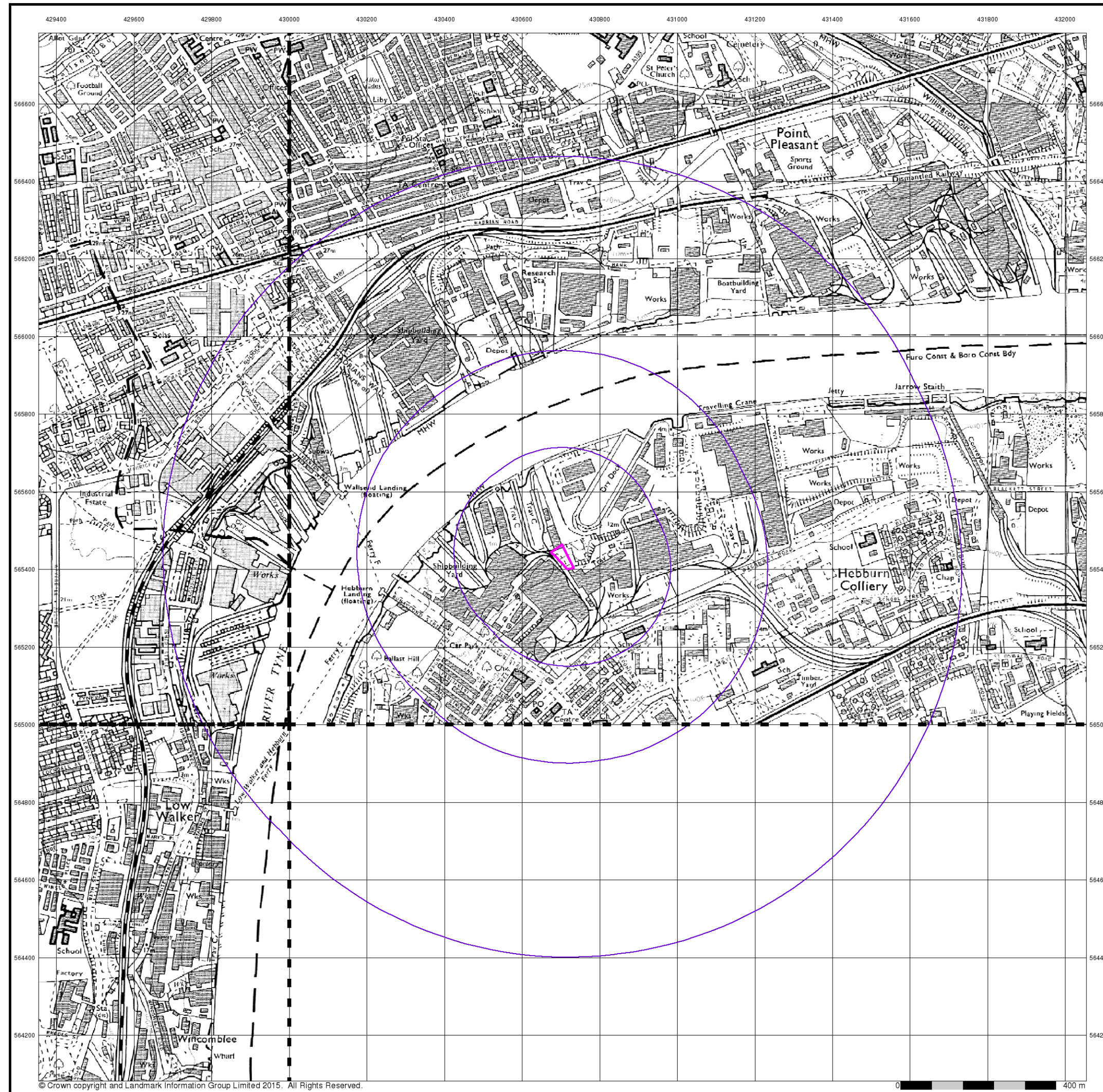
Order Number: 70629063_1_1
 Customer Ref: 15-445
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 Site Area (Ha): 0.16
 Search Buffer (m): 1000

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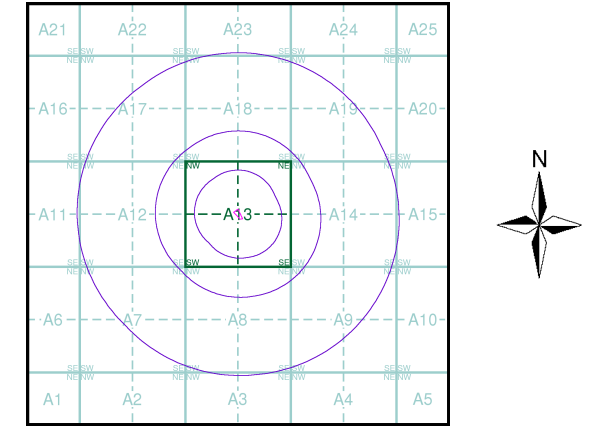
Ordnance Survey Plan
Published 1982 - 1988
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

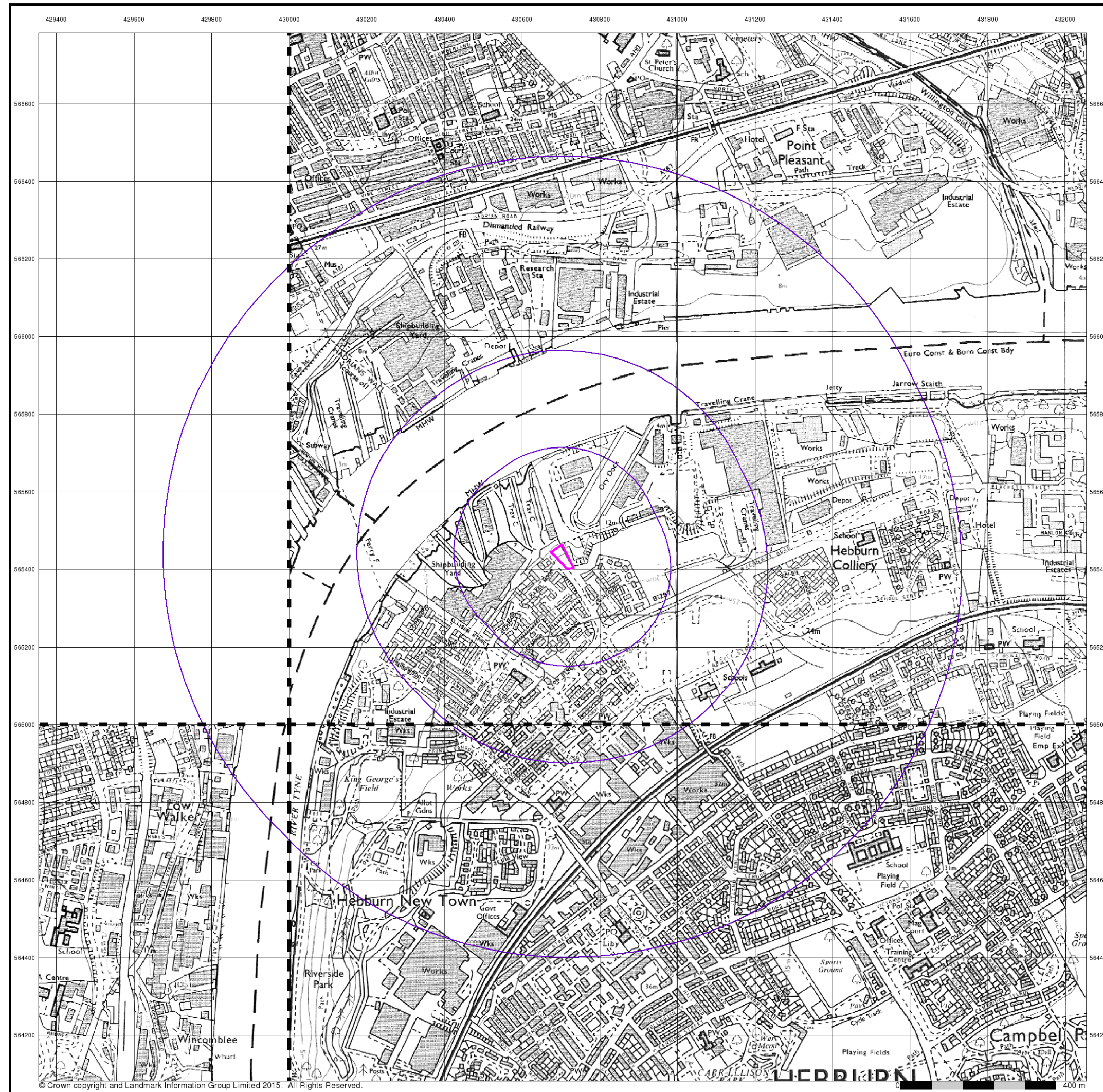
NZ26NE	1988	1:10,000	NZ36NW	1982	1:10,000
NZ26SE	1984	1:10,000			

Historical Map - Slice A



Order Details
 Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details
 Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



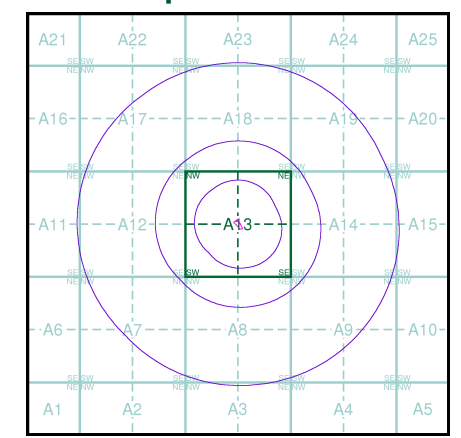
Ordnance Survey Plan
Published 1991 - 1995
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

NZ36NW	1995	1:10,000
NZ26SE	1991	1:10,000
NZ36SW	1992	1:10,000

Historical Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
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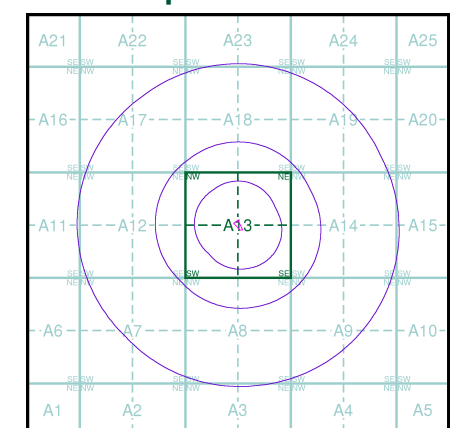
VectorMap Local
Published 2015
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

NZ26NE 2015 Variable	NZ36NW 2015 Variable
NZ26SE 2015 Variable	NZ36SW 2015 Variable

Historical Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
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Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250

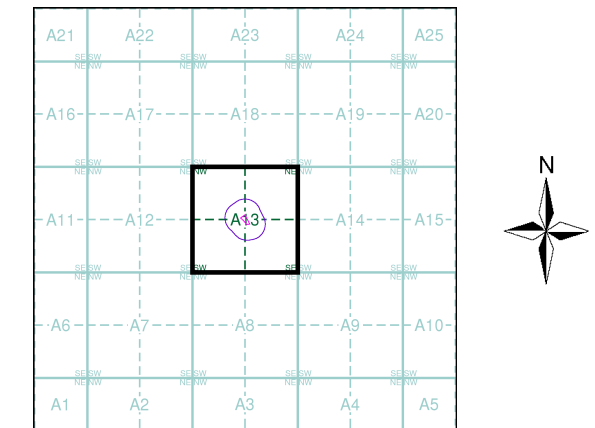
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:2,500	1857	2
Northumberland	1:2,500	1859	3
Durham	1:2,500	1897	4
Durham	1:2,500	1916 - 1917	5
Durham	1:2,500	1941 - 1942	6
Ordnance Survey Plan	1:1,250	1954 - 1958	7
Ordnance Survey Plan	1:2,500	1958	8
Ordnance Survey Plan	1:1,250	1963 - 1975	9
Additional SIMs	1:1,250	1963 - 1982	10
Ordnance Survey Plan	1:2,500	1970	11
Ordnance Survey Plan	1:1,250	1972 - 1981	12
Supply of Unpublished Survey Information	1:1,250	1974	13
Additional SIMs	1:1,250	1981 - 1990	14
Additional SIMs	1:1,250	1989 - 1991	15
Additional SIMs	1:1,250	1990	16
Additional SIMs	1:1,250	1991	17
Large-Scale National Grid Data	1:1,250	1993	18
Large-Scale National Grid Data	1:1,250	1994 - 1995	19
Large-Scale National Grid Data	1:1,250	1994	20
Large-Scale National Grid Data	1:1,250	1996	21
Large-Scale National Grid Data	1:1,250	1996	22

Historical Map - Segment A13



Order Details

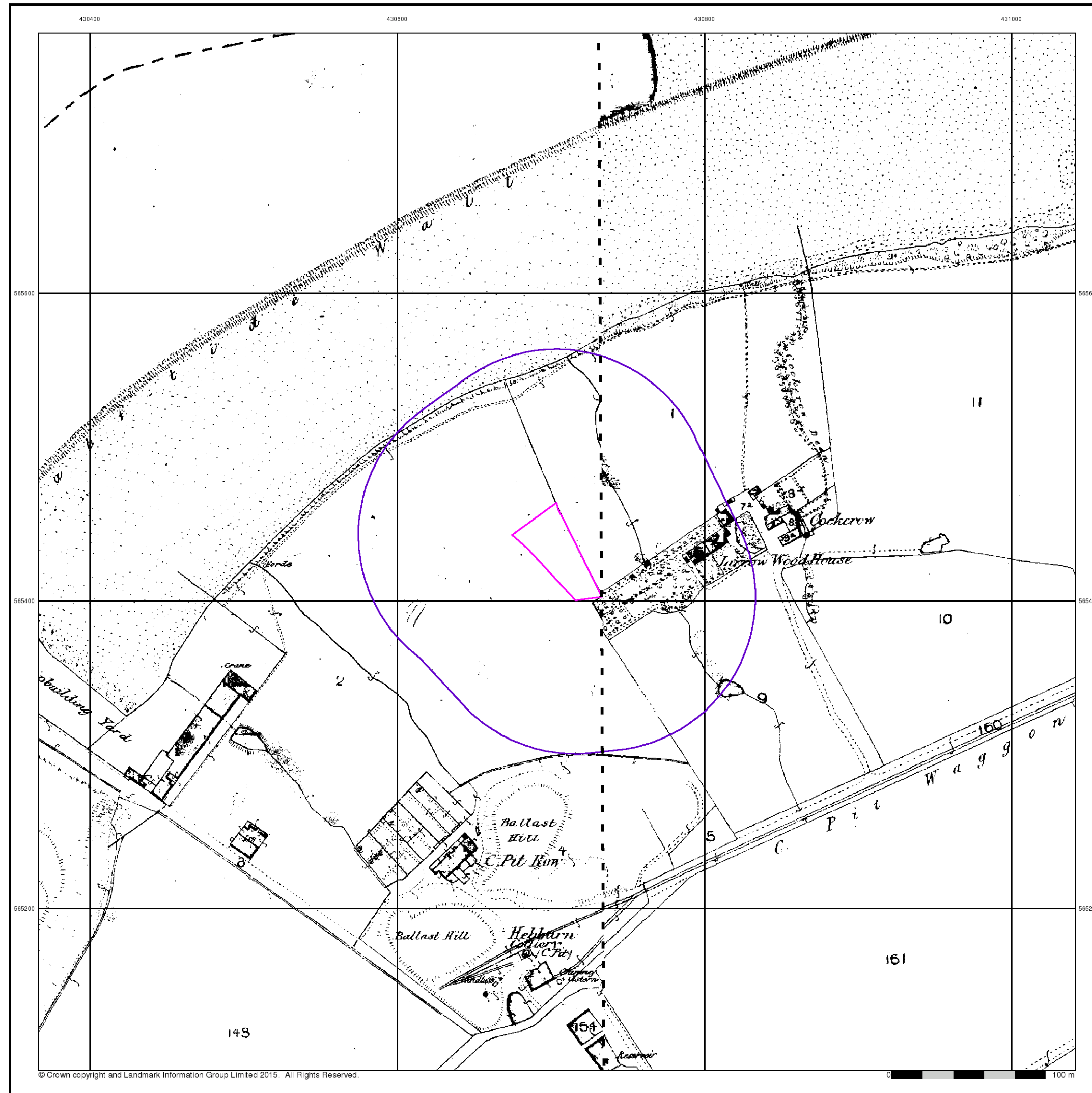
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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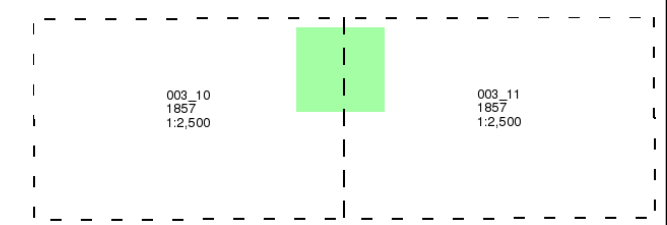
Durham

Published 1857

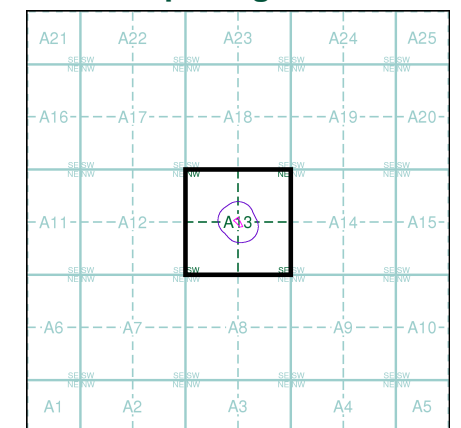
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

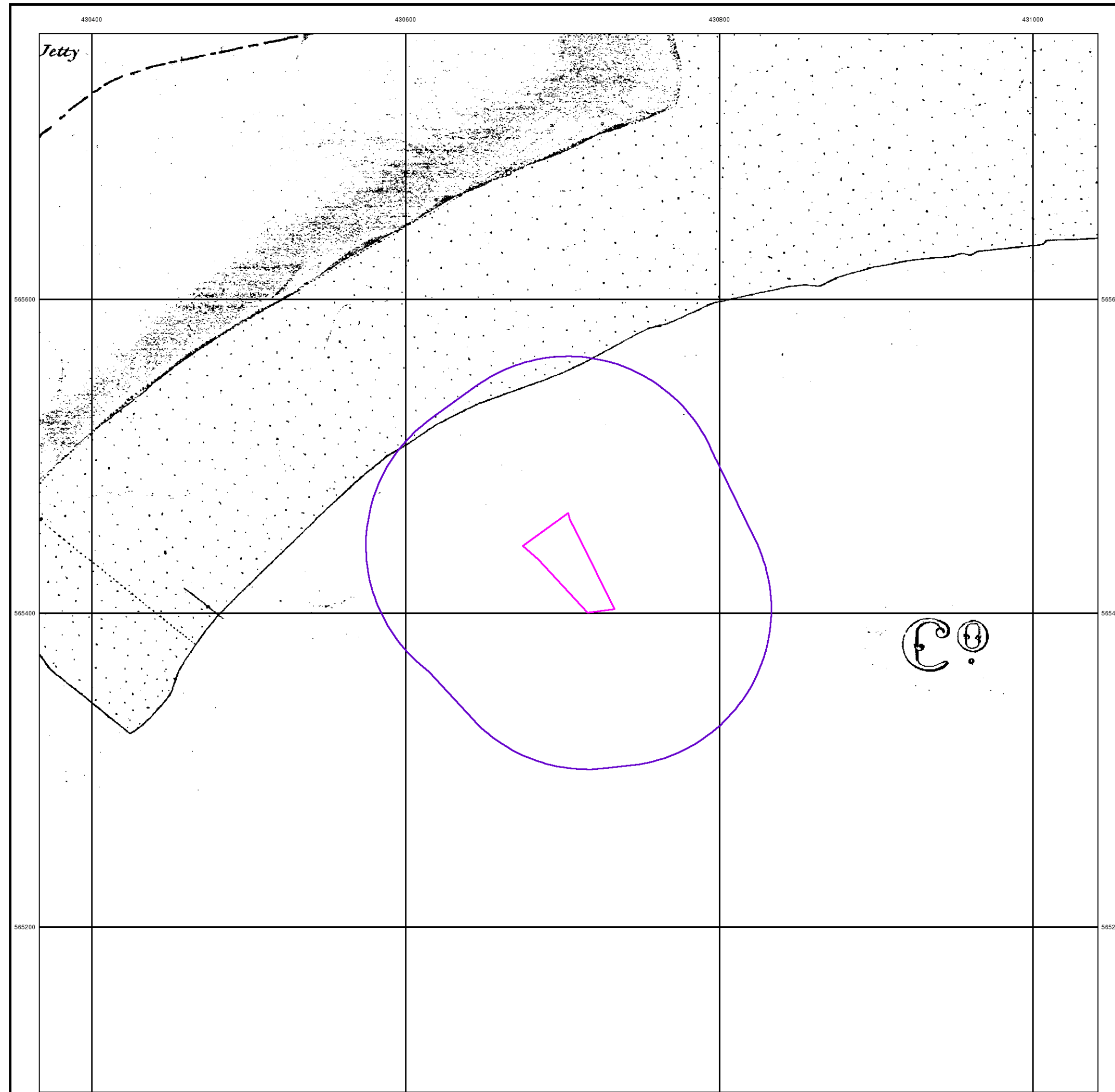
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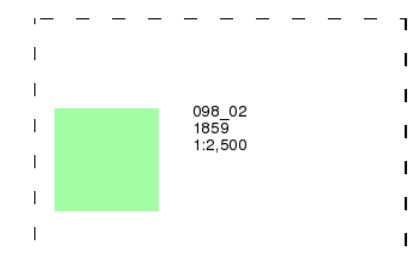
Northumberland

Published 1859

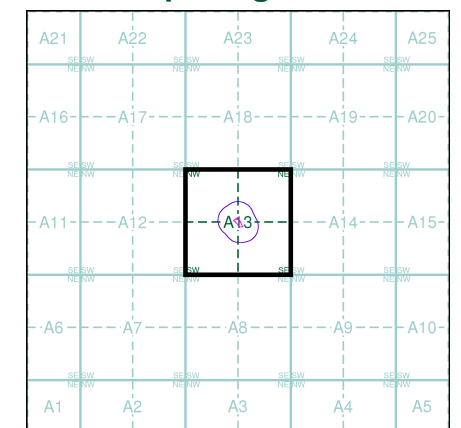
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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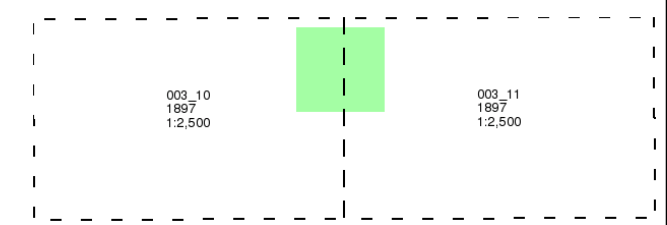
Durham

Published 1897

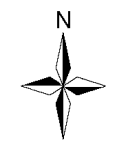
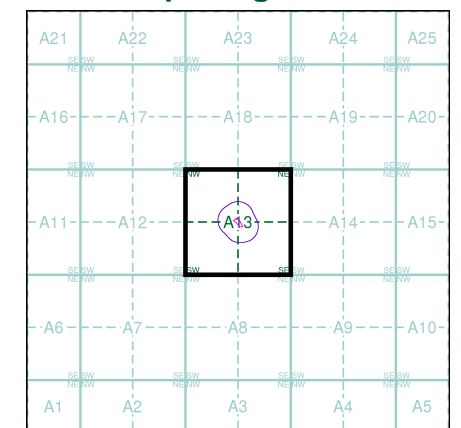
Source map scale - 1:2,500

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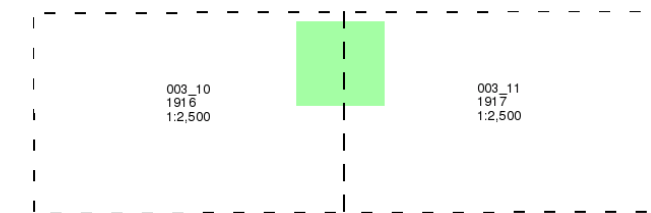
Durham

Published 1916 - 1917

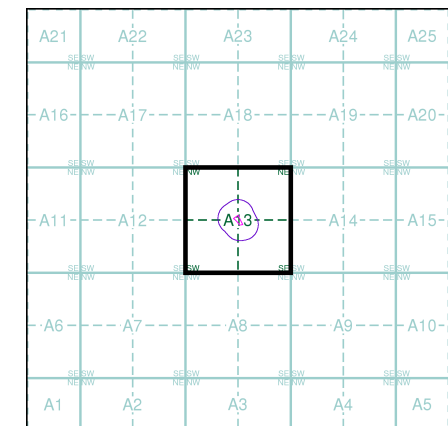
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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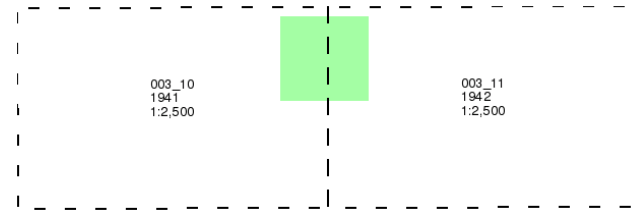




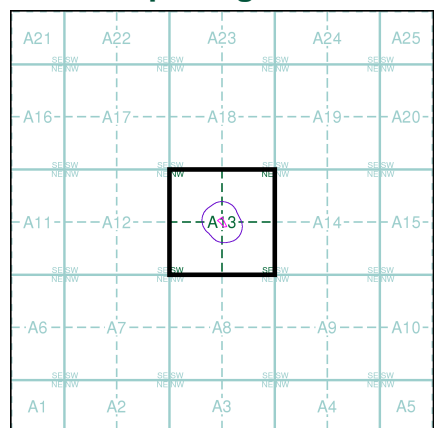
Durham
Published 1941 - 1942
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

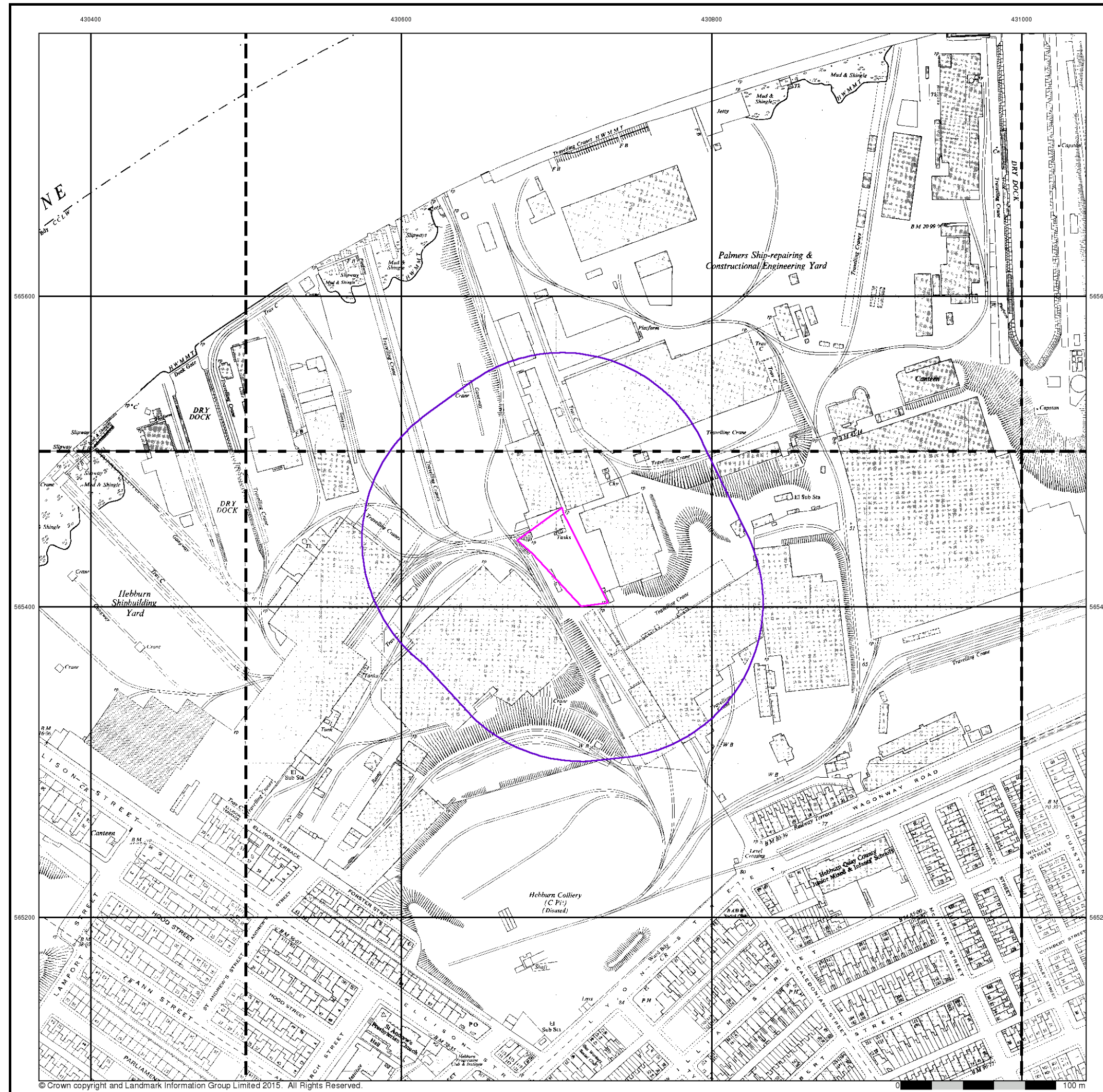


Historical Map - Segment A13



Order Details
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 National Grid Reference: 430710, 565430
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Site Details
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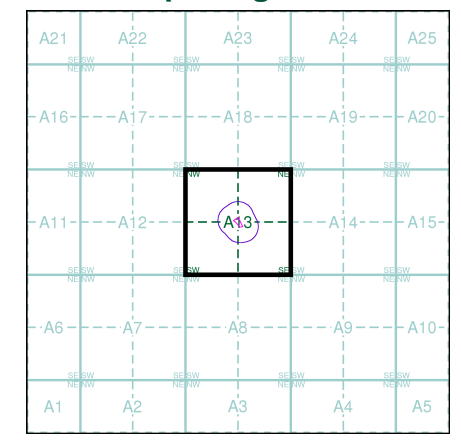
Ordnance Survey Plan
Published 1954 - 1958
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NZ3065NW 1954 1:1,250	NZ3065NE 1954 1:1,250	NZ3165NW 1958 1:1,250
NZ3065SW 1954 1:1,250	NZ3065SE 1957 1:1,250	NZ3165SW 1958 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 70629063_1_1
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 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

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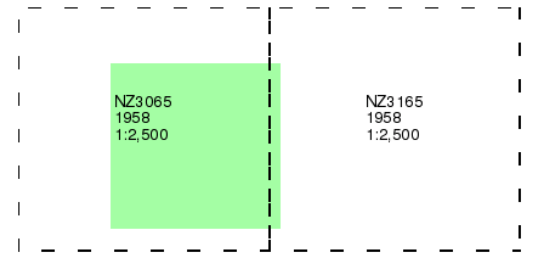
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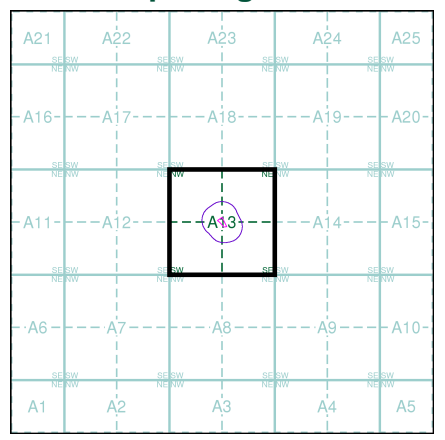
Ordnance Survey Plan
Published 1958
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

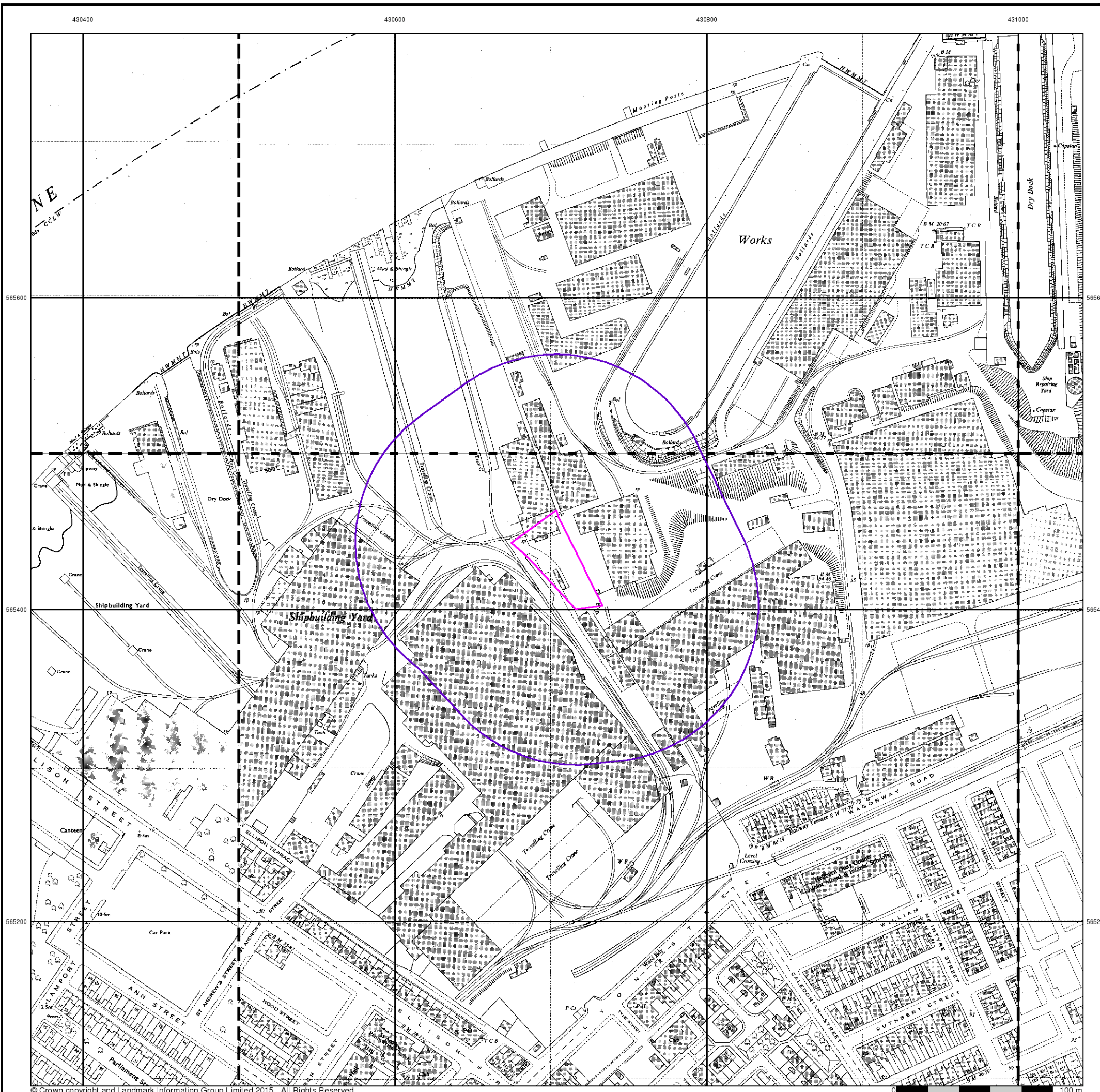


Historical Map - Segment A13



Order Details
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Site Details
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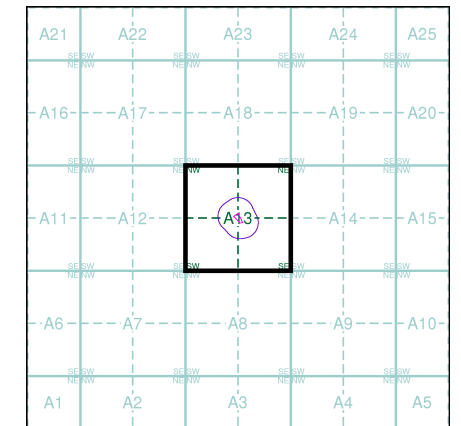
Ordnance Survey Plan
Published 1963 - 1975
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NZ3065NW 1963 1:1,250	NZ3065NE 1963 1:1,250	NZ3165NW 1969 1:1,250
NZ3065SW 1975 1:1,250	NZ3065SE 1966 1:1,250	NZ3165SW 1969 1:1,250

Historical Map - Segment A13



Order Details

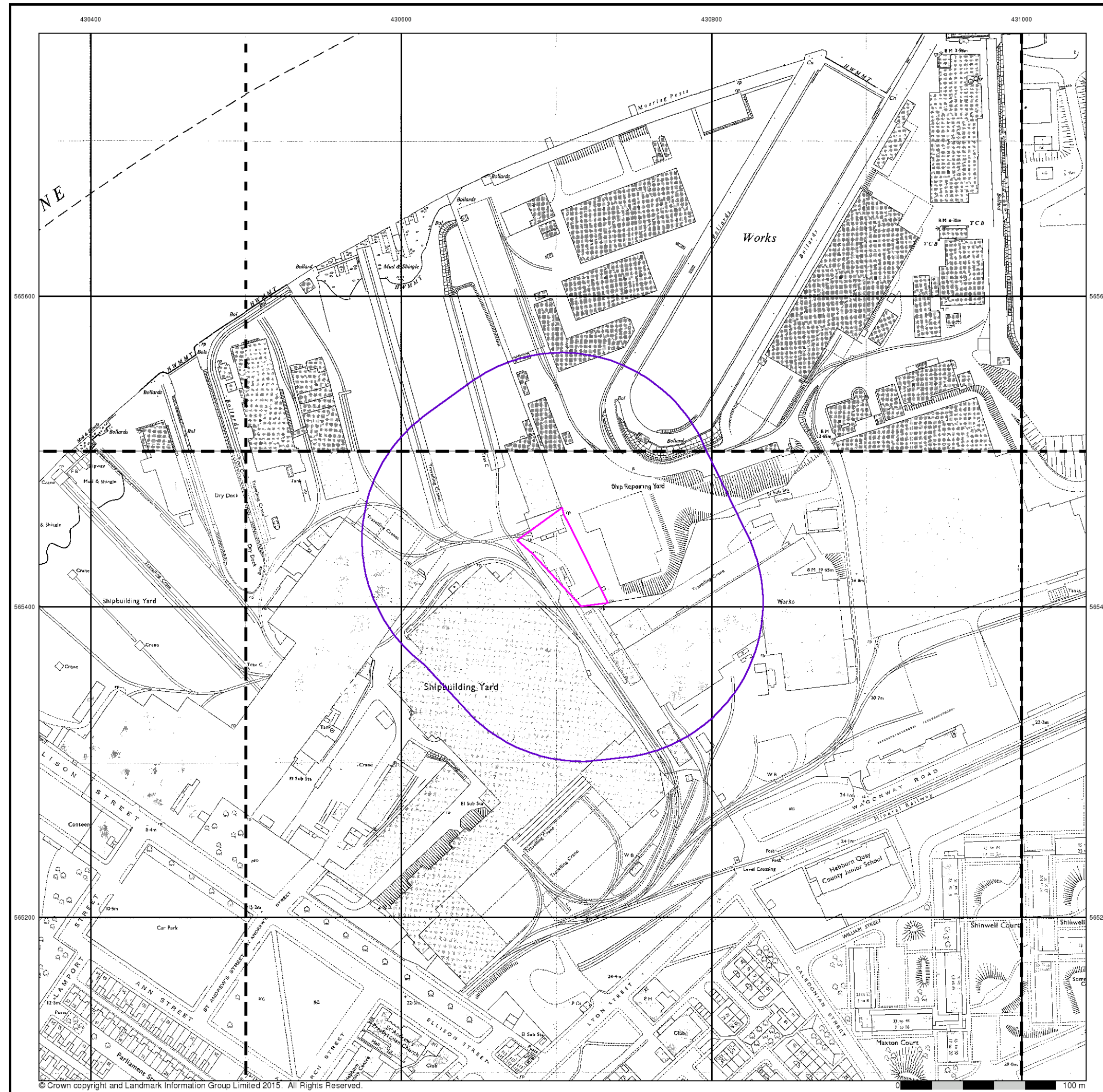
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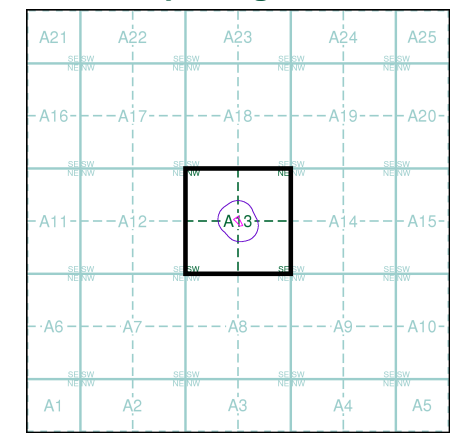
Additional SIMs
Published 1963 - 1982
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

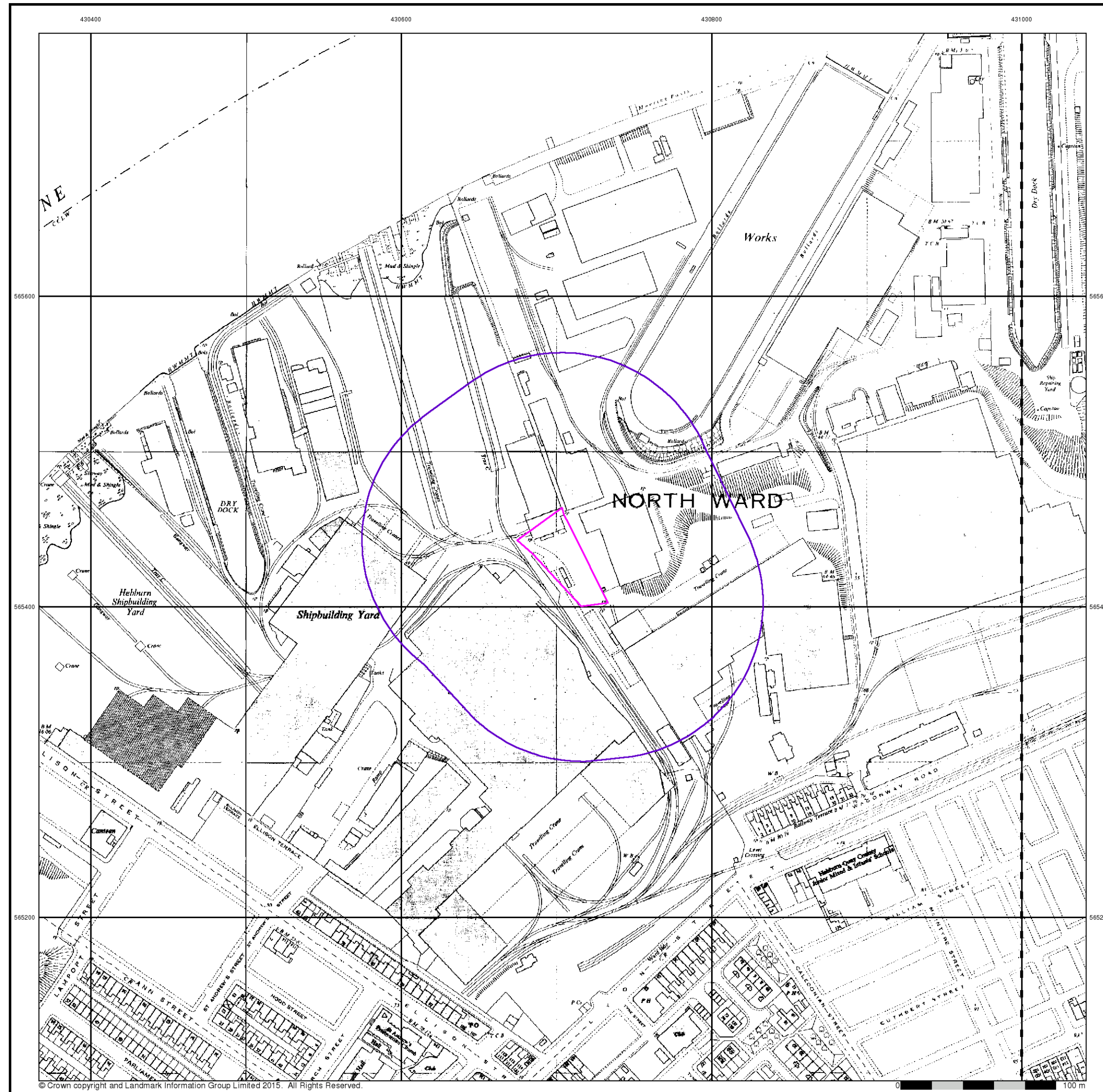
NZ3065NW 1963 1:1,250	NZ3065NE 1963 1:1,250	NZ3165NW 1978 1:1,250
NZ3065SW 1975 1:1,250	NZ3065SE 1981 1:1,250	NZ3165SW 1982 1:1,250

Historical Map - Segment A13



Order Details
 Order Number: 70629063_1_1
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 National Grid Reference: 430710, 565430
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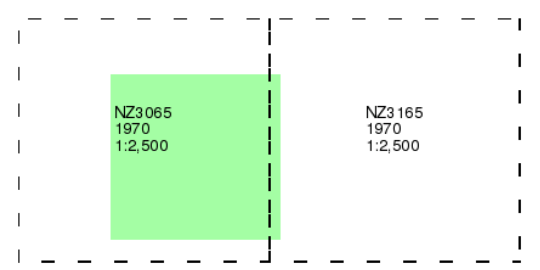
Site Details
 Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



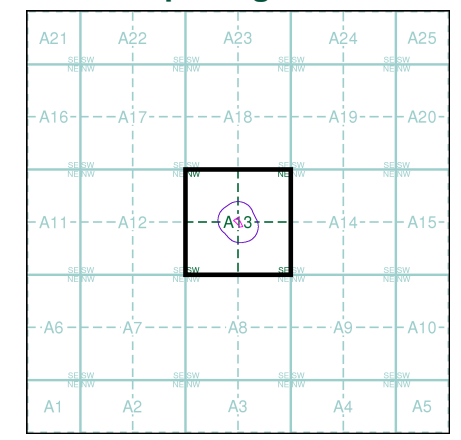
Ordnance Survey Plan
Published 1970
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Ordnance Survey Plan

Published 1972 - 1981

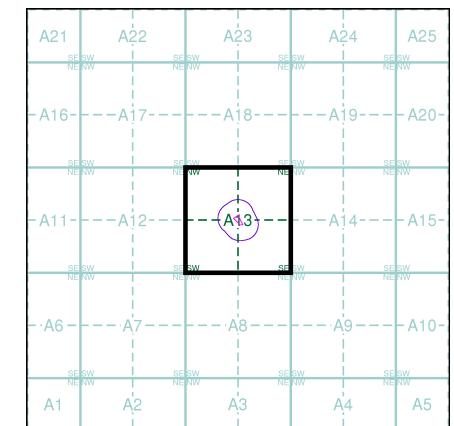
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NZ3165NW 1981 1:1,250	NZ3165SW 1972 1:1,250
NZ3065SE 1972 1:1,250	

Historical Map - Segment A13



Order Details

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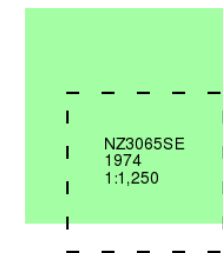
Supply of Unpublished Survey Information

Published 1974

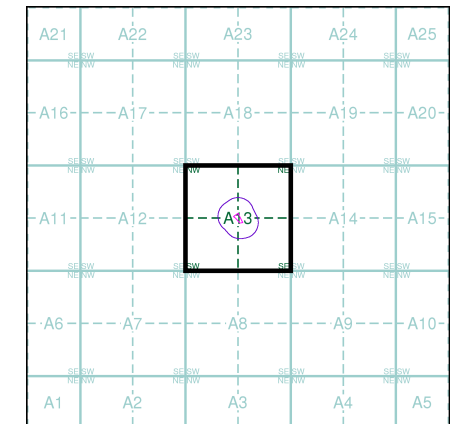
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

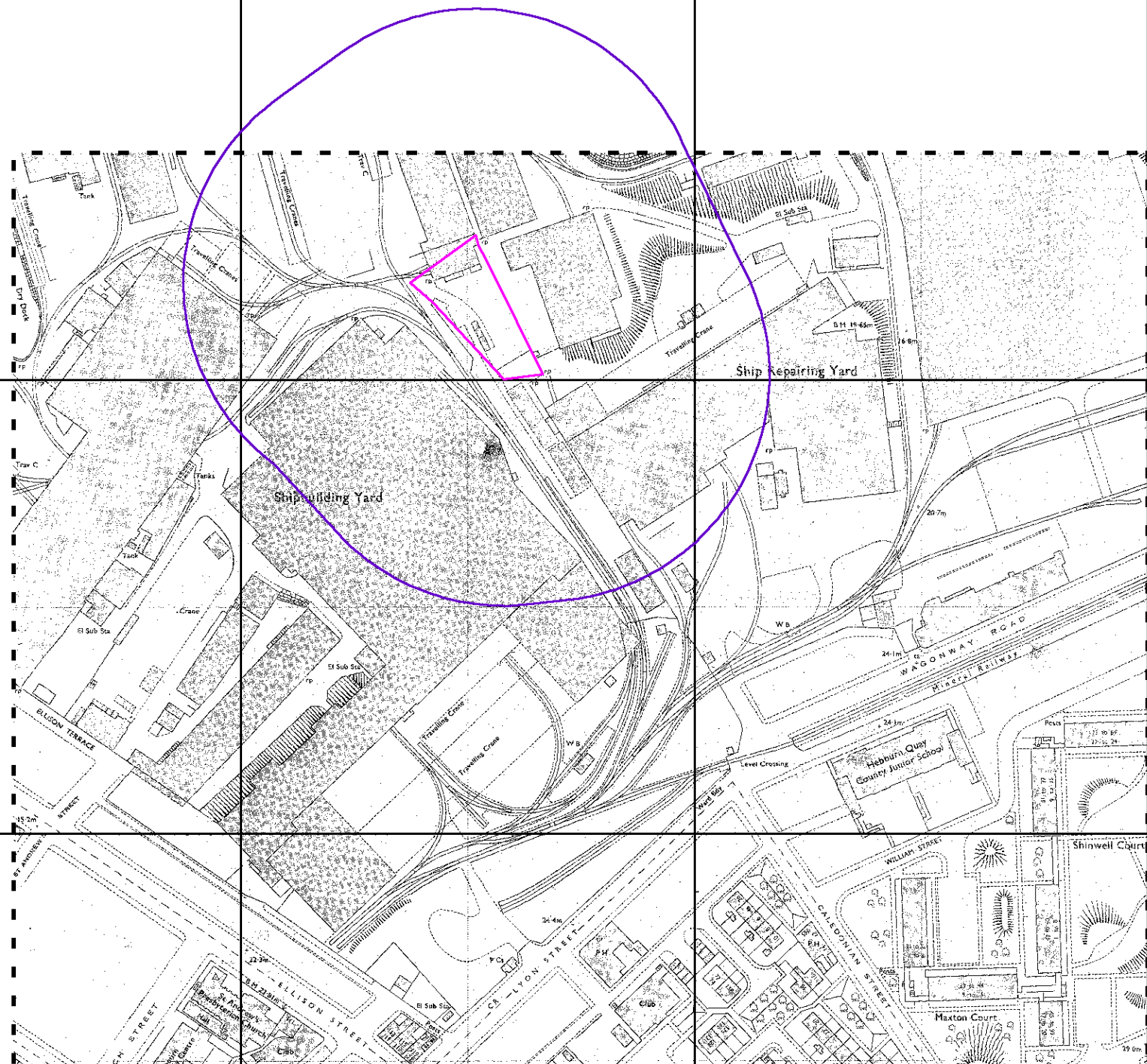
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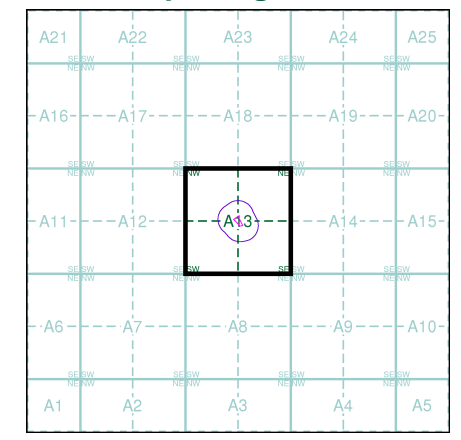
Additional SIMs
Published 1981 - 1990
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

NZ3065NW 1983 1:1,250	NZ3165NW 1981 1:1,250
NZ3065SW 1990 1:1,250	NZ3065SE 1988 1:1,250
	NZ3165SW 1989 1:1,250

Historical Map - Segment A13



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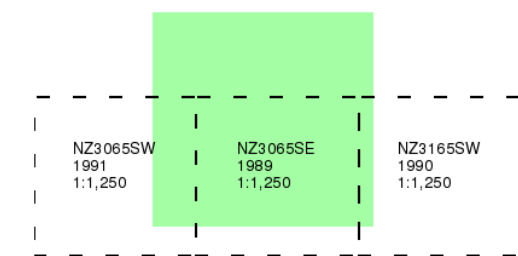
Additional SIMs

Published 1989 - 1991

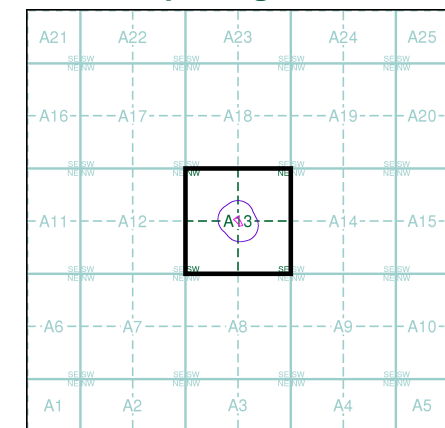
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

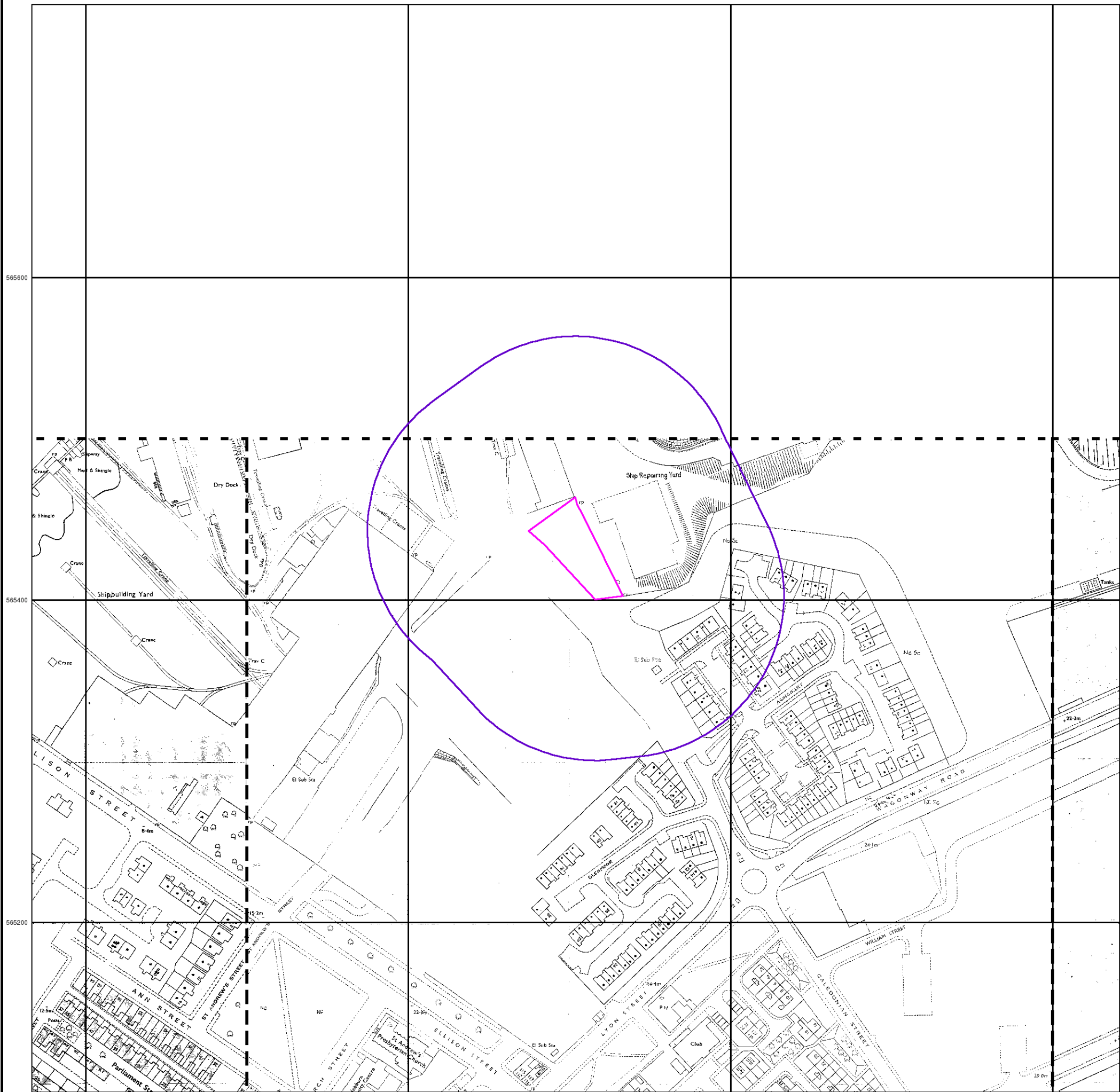
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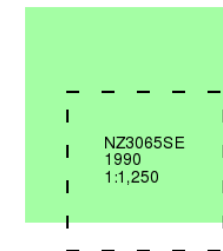
Additional SIMs

Published 1990

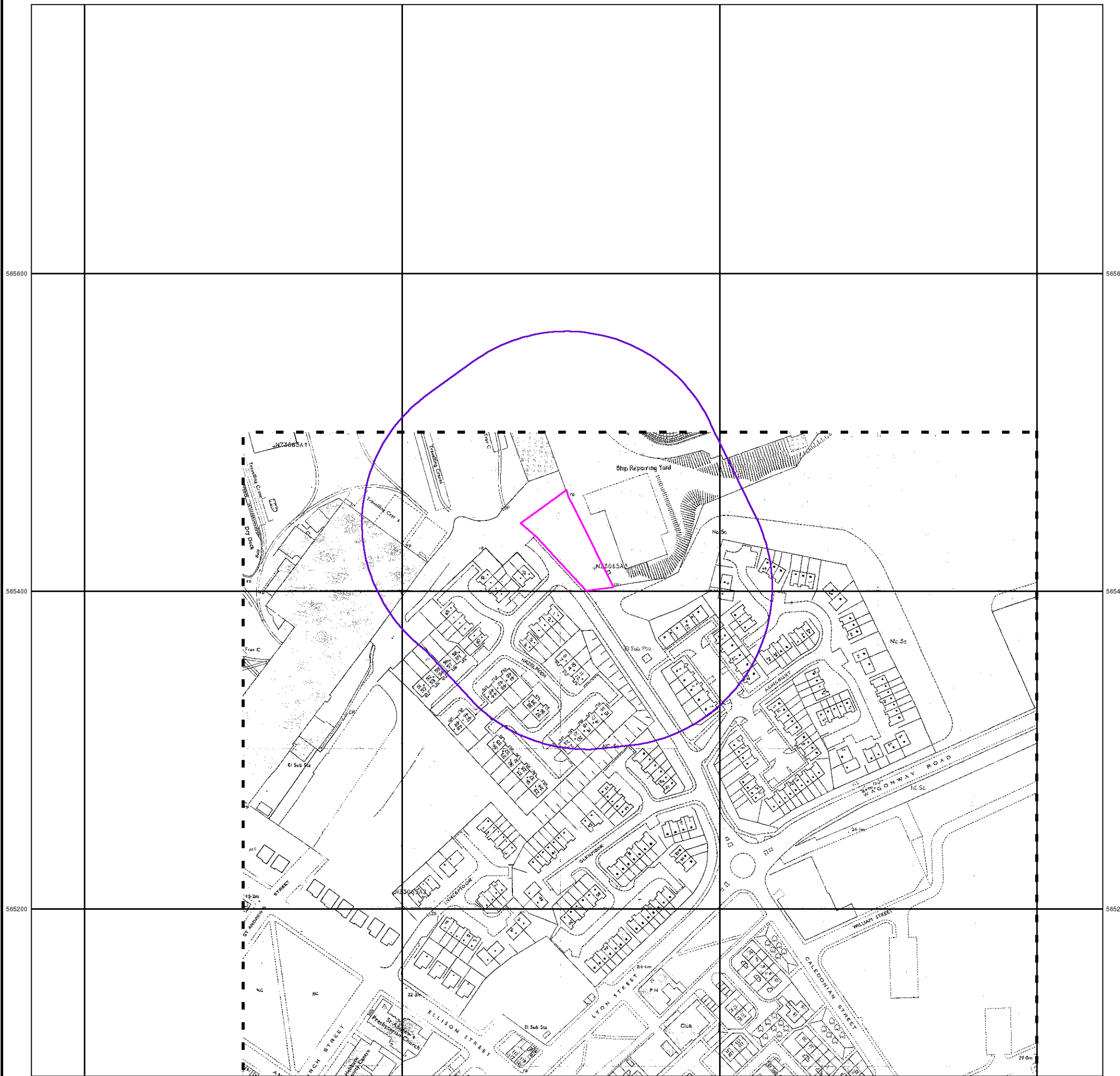
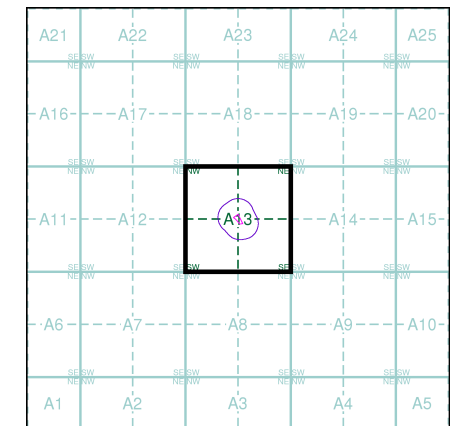
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 70629063_1_1
Customer Ref: 15-445
National Grid Reference: 430710, 565430
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

430400

430600

430800

431000

565600

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565200

565200



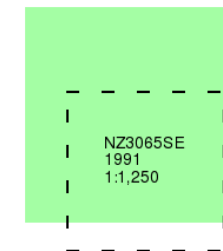
Additional SIMs

Published 1991

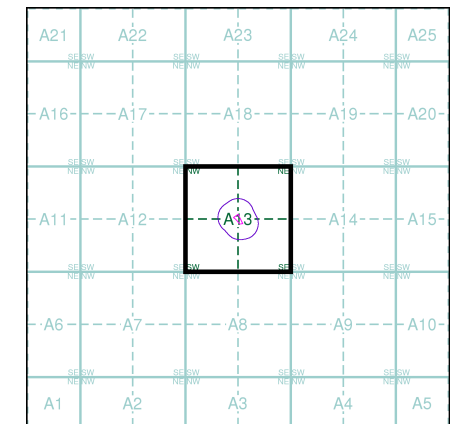
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

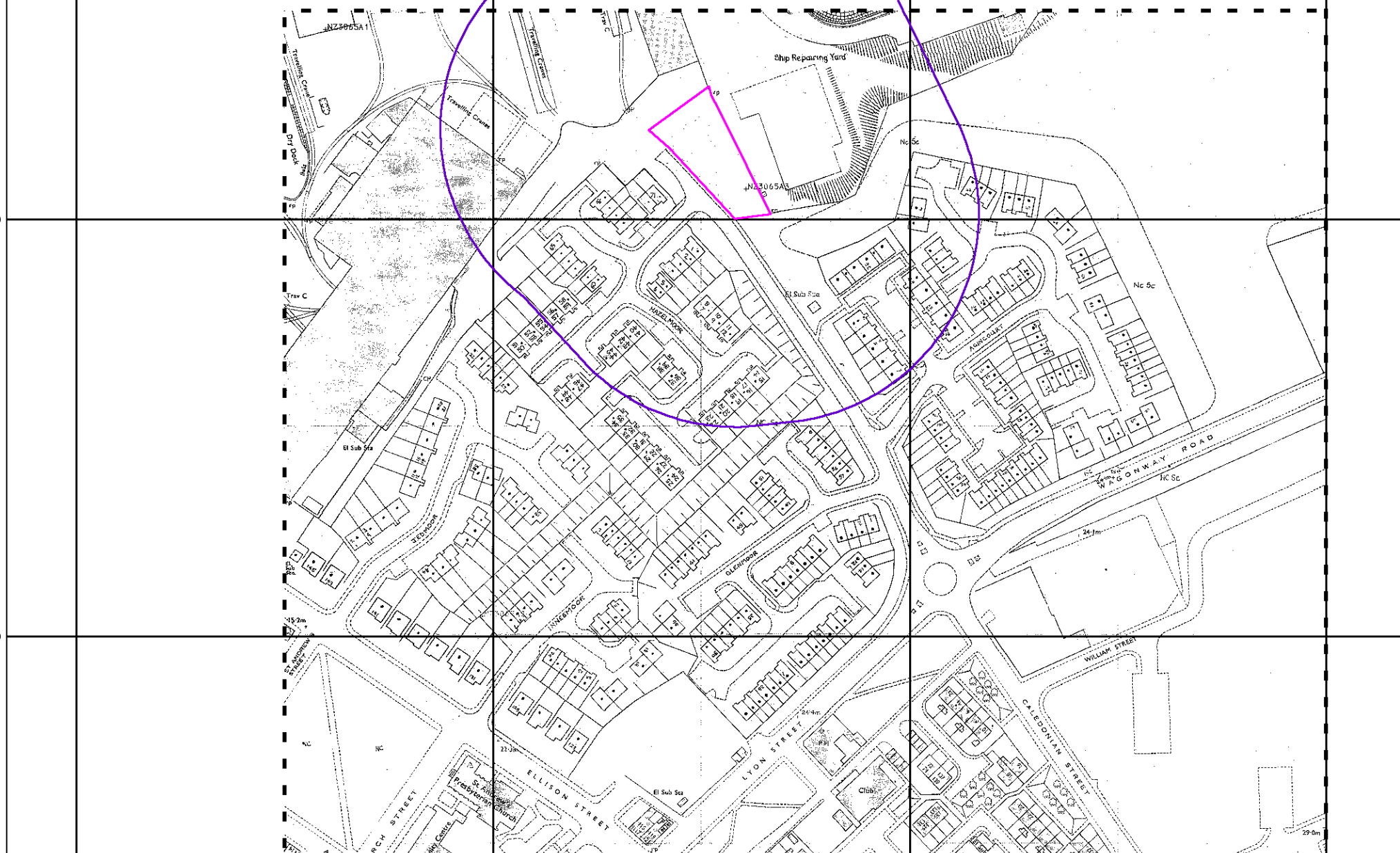
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Customer Ref: 15-445
National Grid Reference: 430710, 565430
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

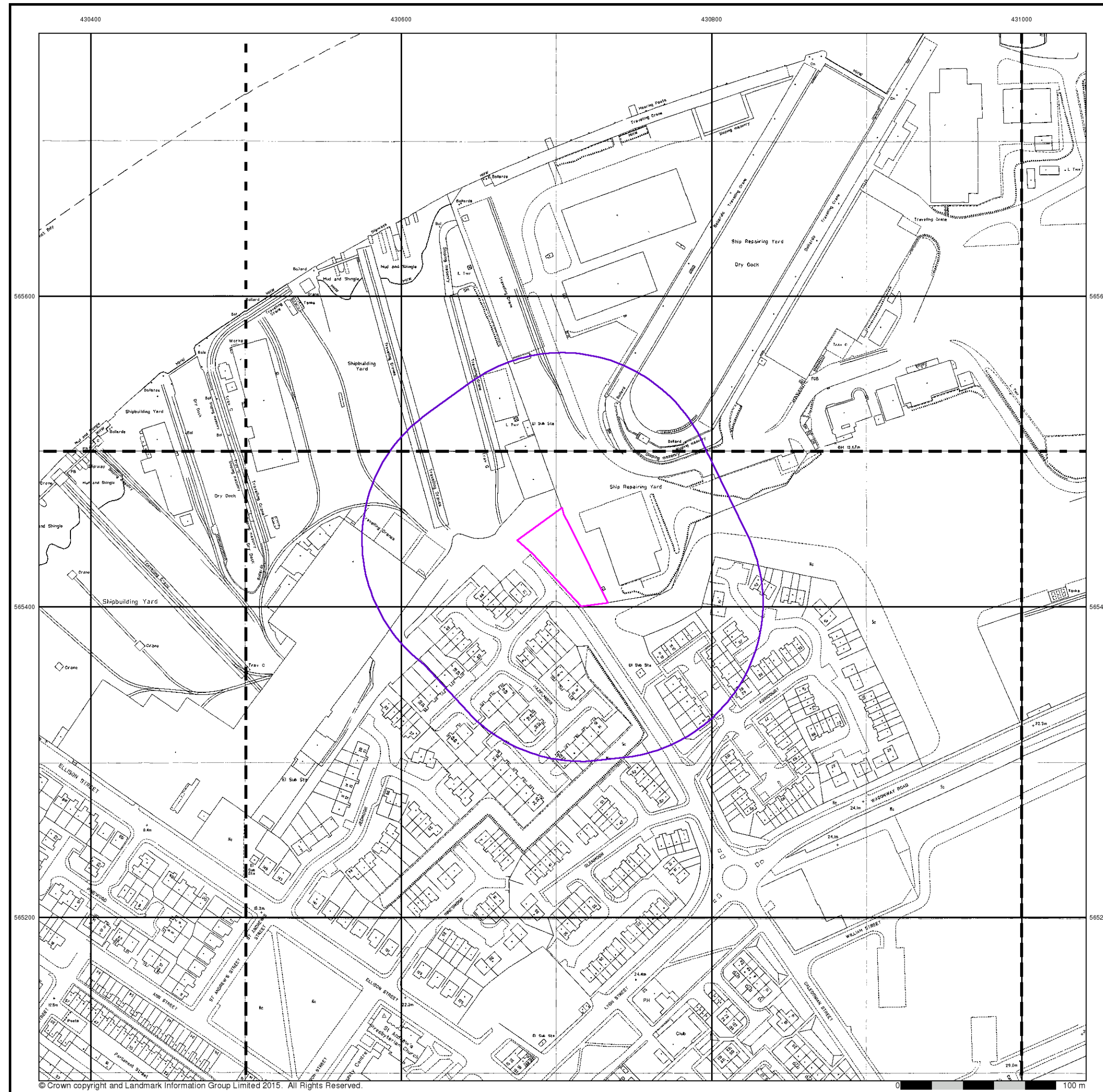
Site Details

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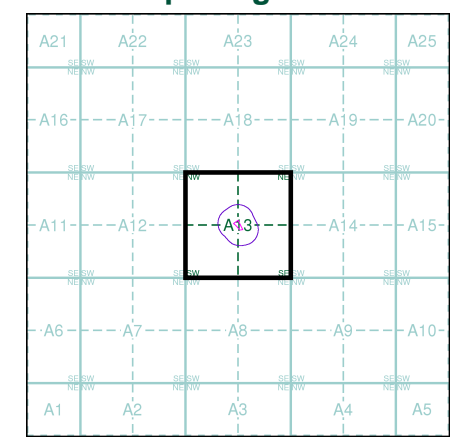
Large-Scale National Grid Data
Published 1993
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

NZ3065NW 1993 1:1,250	NZ3065NE 1993 1:1,250	NZ3165NW 1993 1:1,250
NZ3065SW 1993 1:1,250	NZ3065SE 1993 1:1,250	NZ3165SW 1993 1:1,250

Historical Map - Segment A13



Order Details

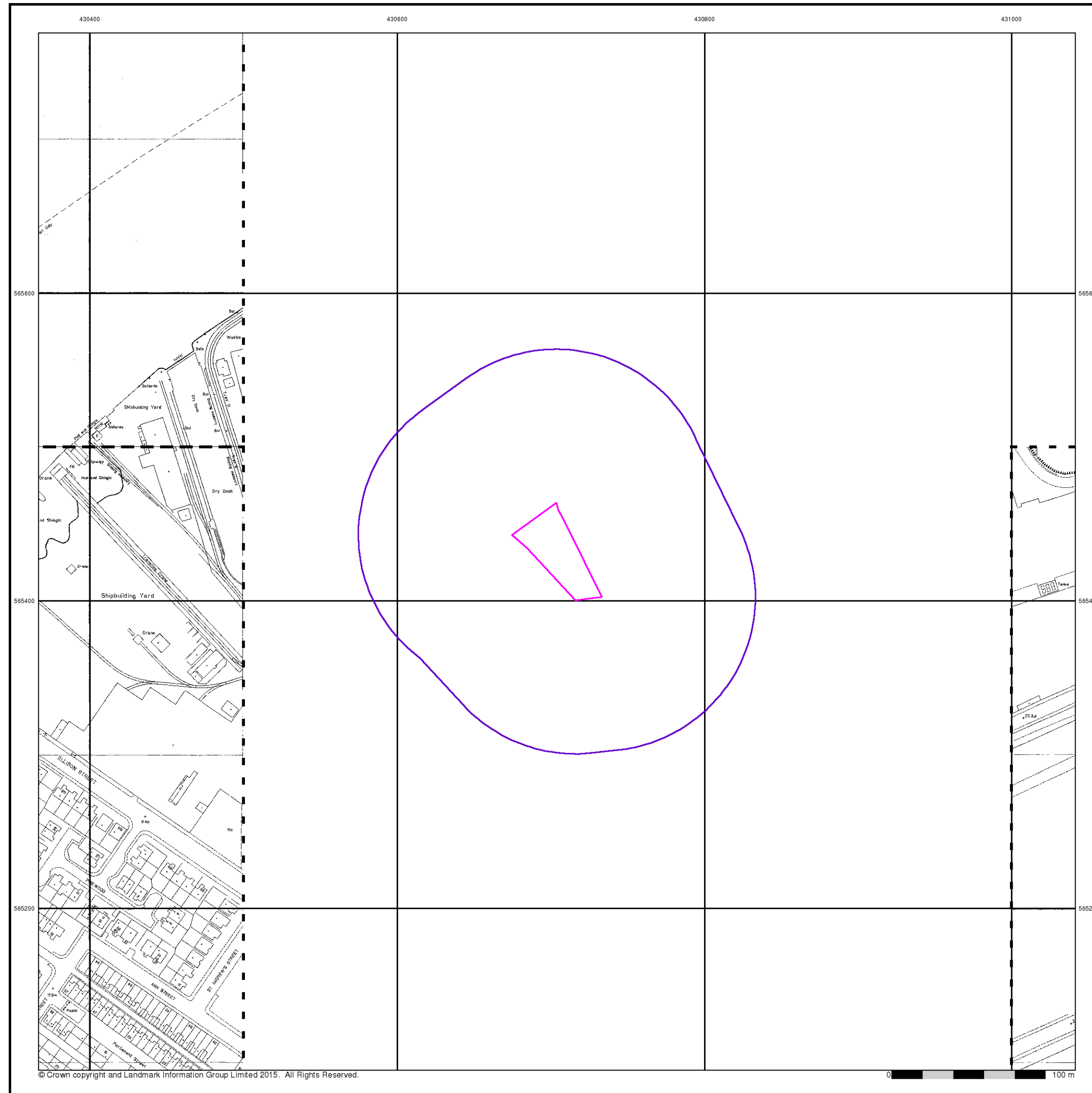
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



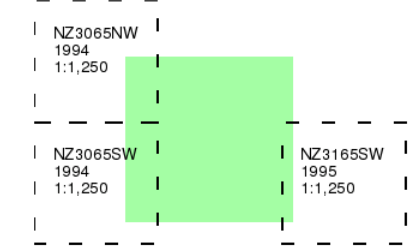
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



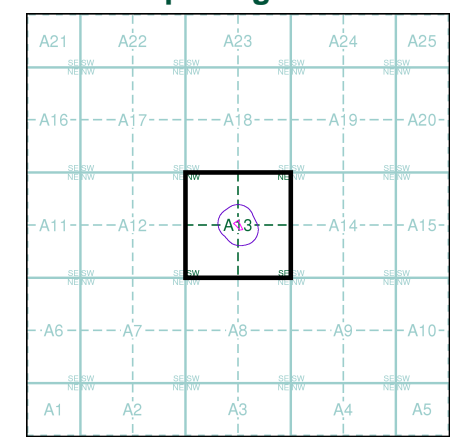
Large-Scale National Grid Data
Published 1994 - 1995
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



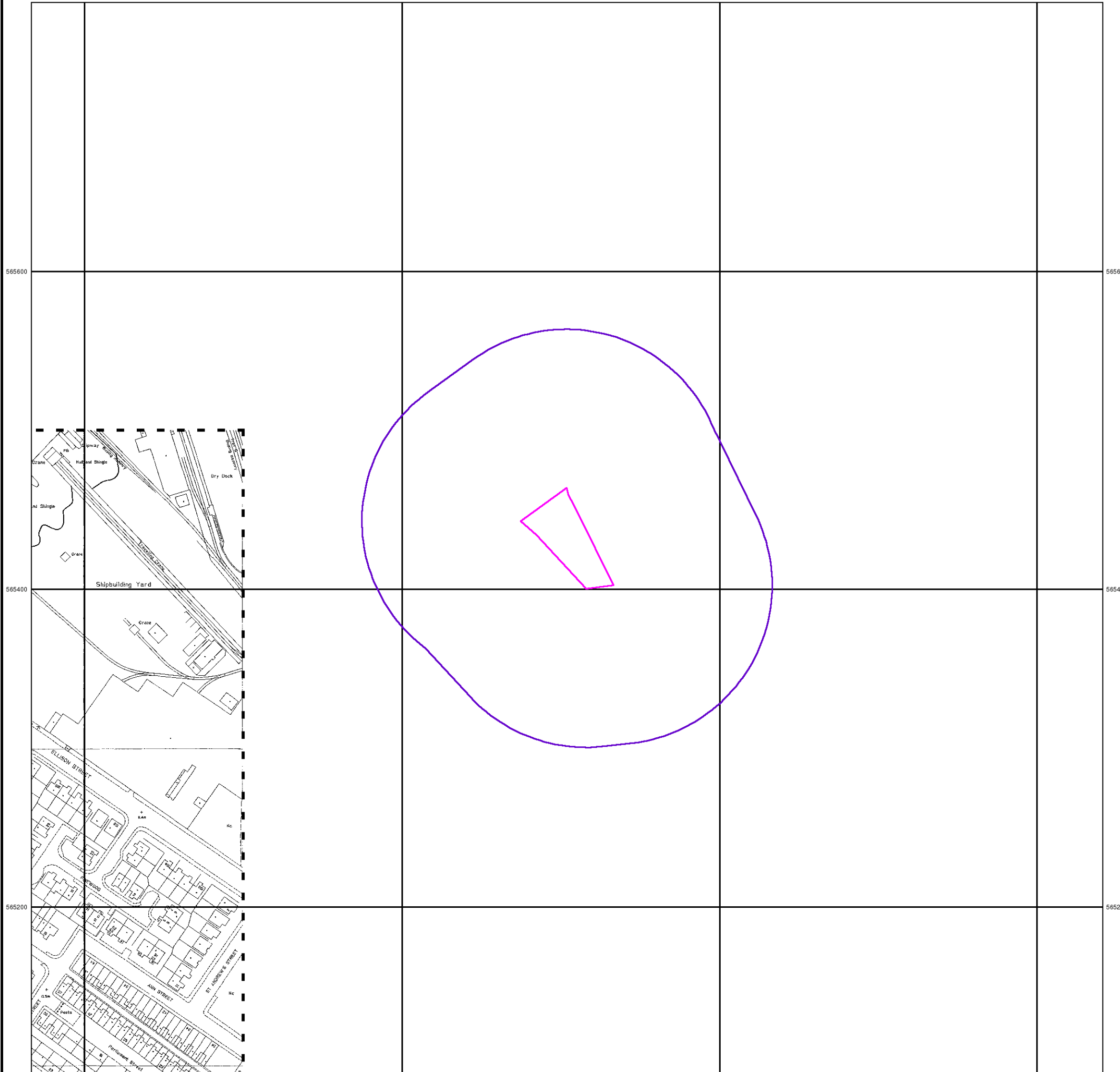
Tel: 0844 844 9952
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 Web: www.envirocheck.co.uk

430400

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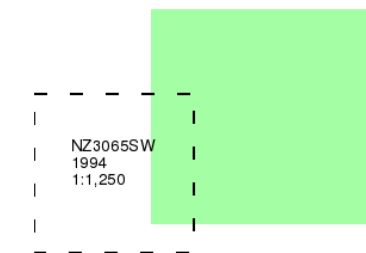
Large-Scale National Grid Data

Published 1994

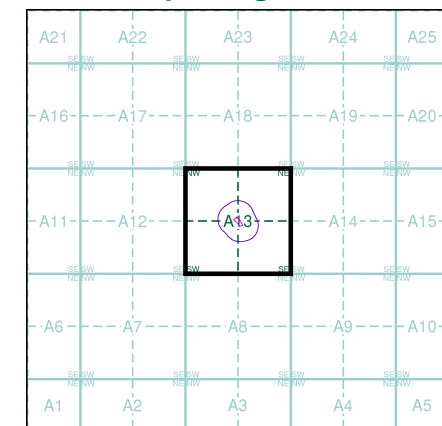
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Site Details

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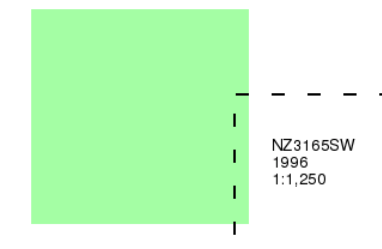
Large-Scale National Grid Data

Published 1996

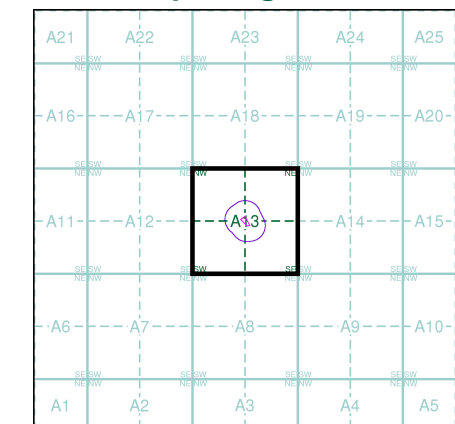
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

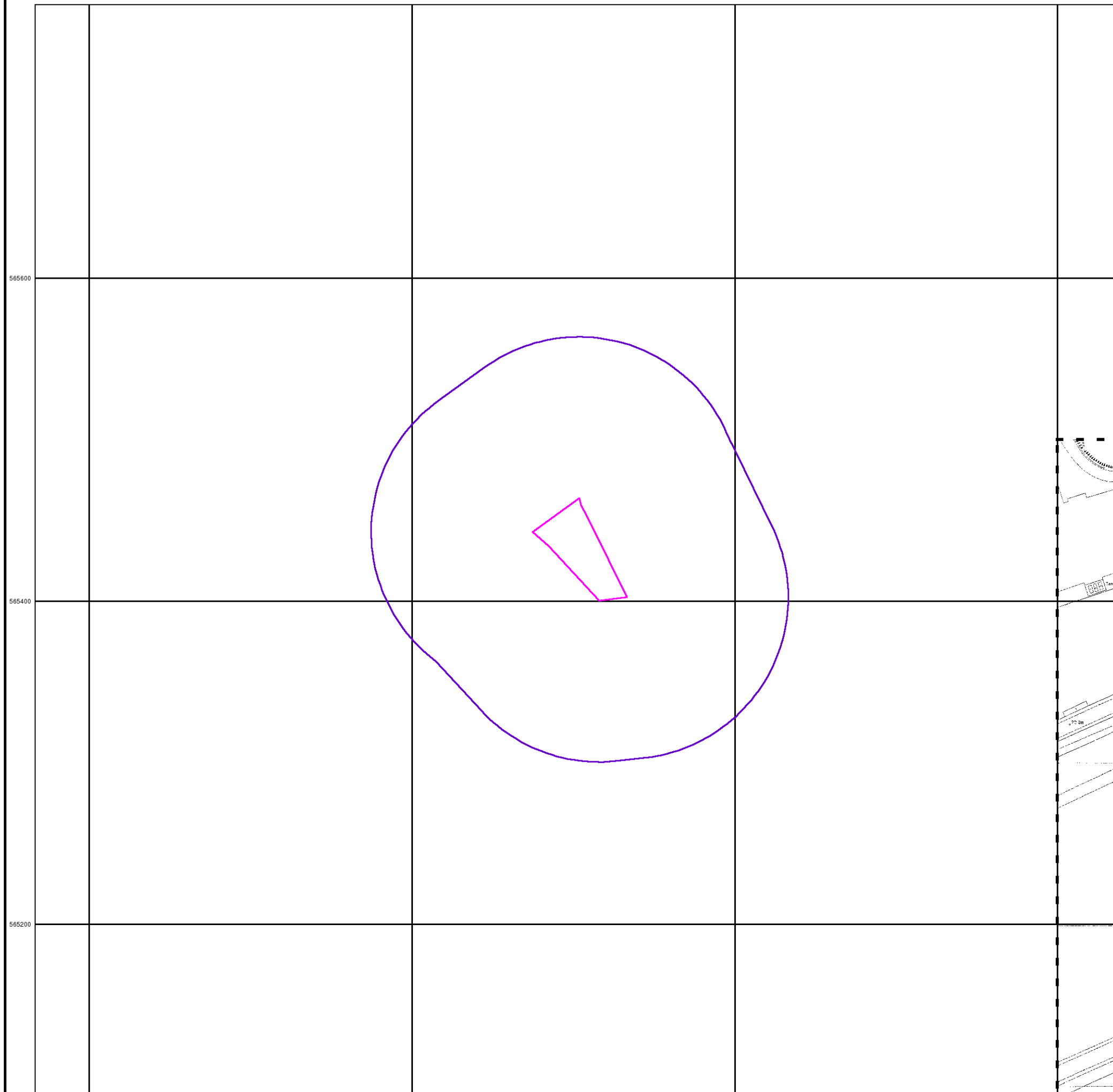
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

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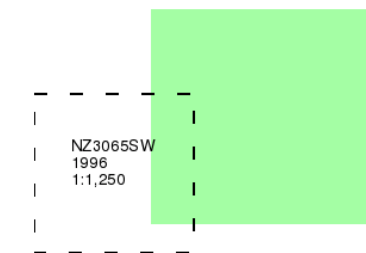
Large-Scale National Grid Data

Published 1996

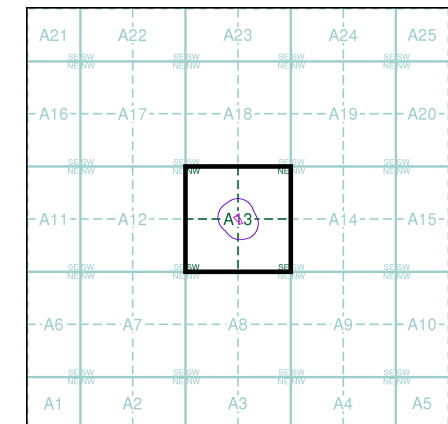
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 70629063_1_1
Customer Ref: 15-445
National Grid Reference: 430710, 565430
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH

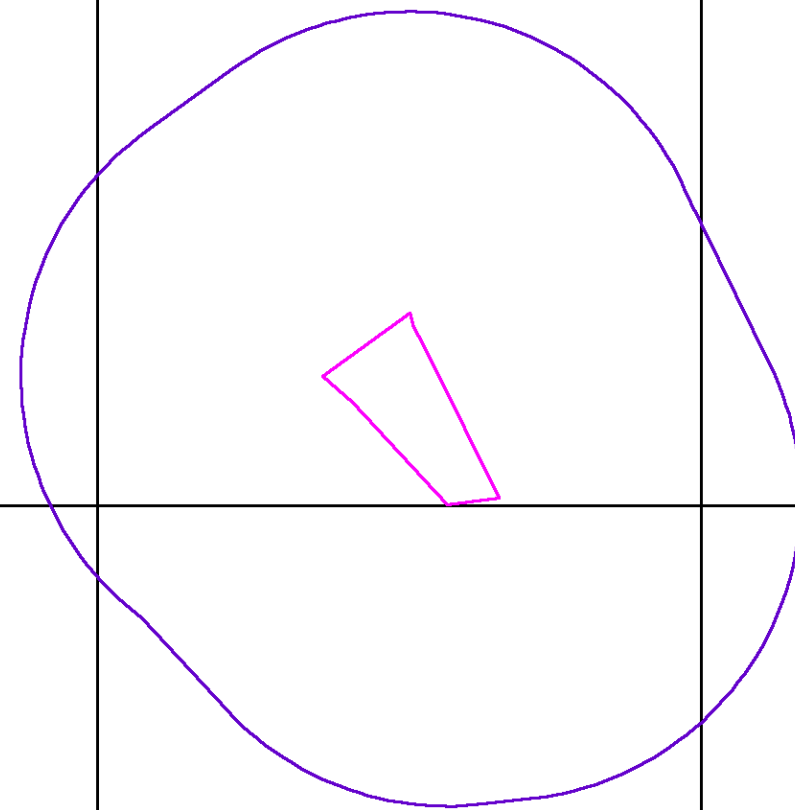
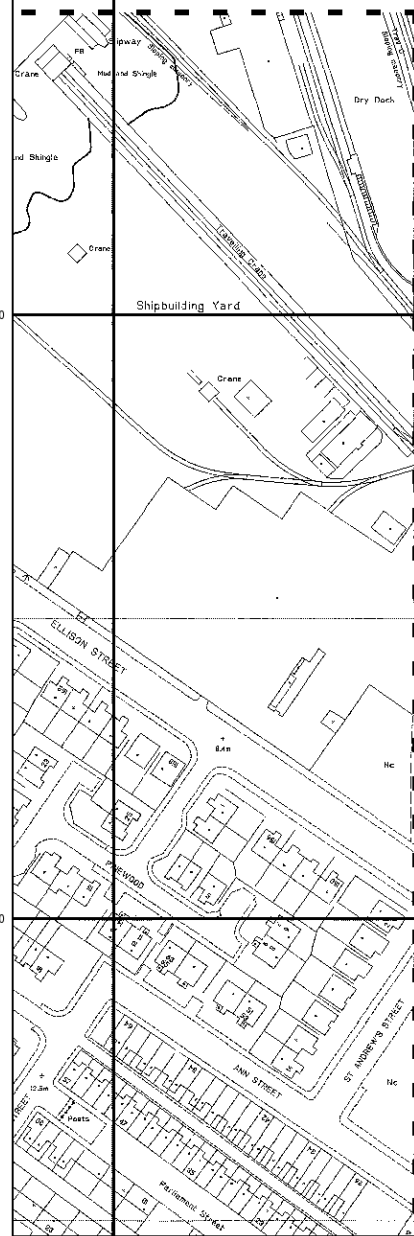


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Web: www.envirocheck.co.uk

565600

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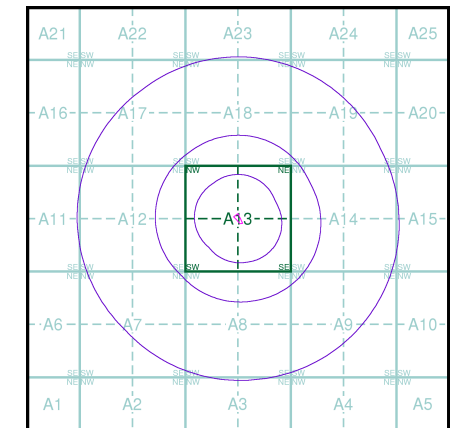
565200





- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A

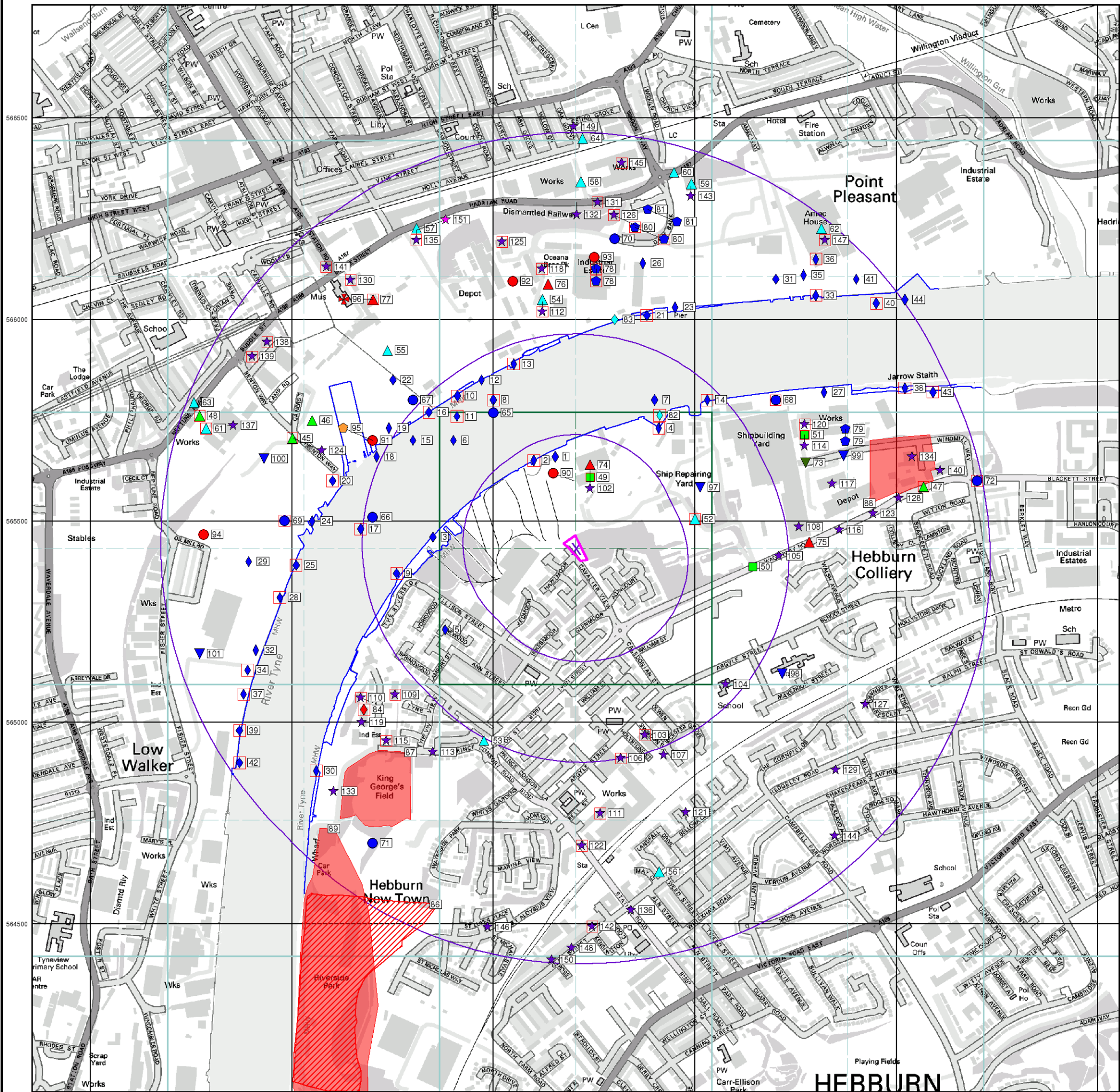


Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH





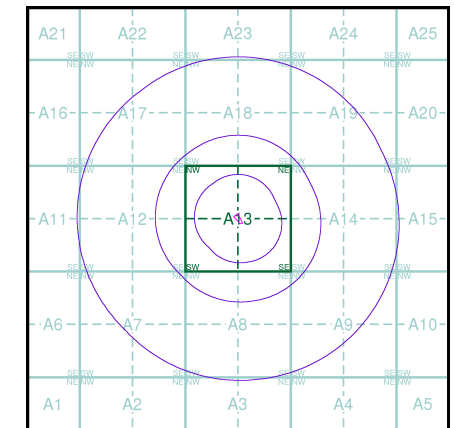
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

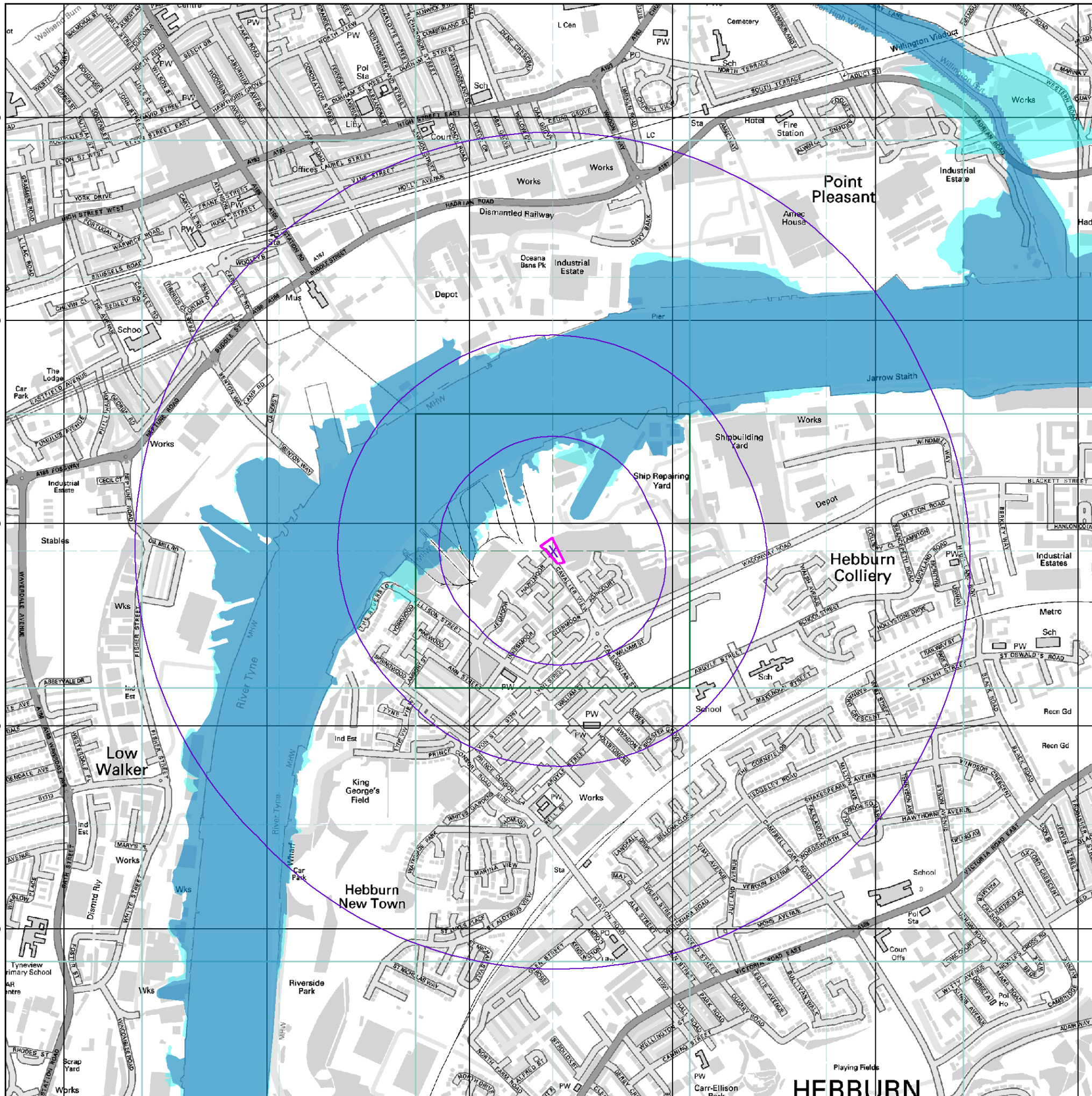
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

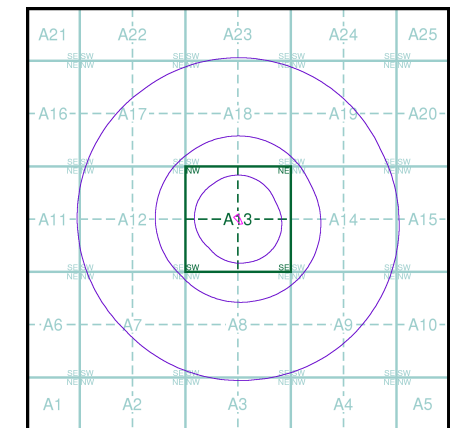
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

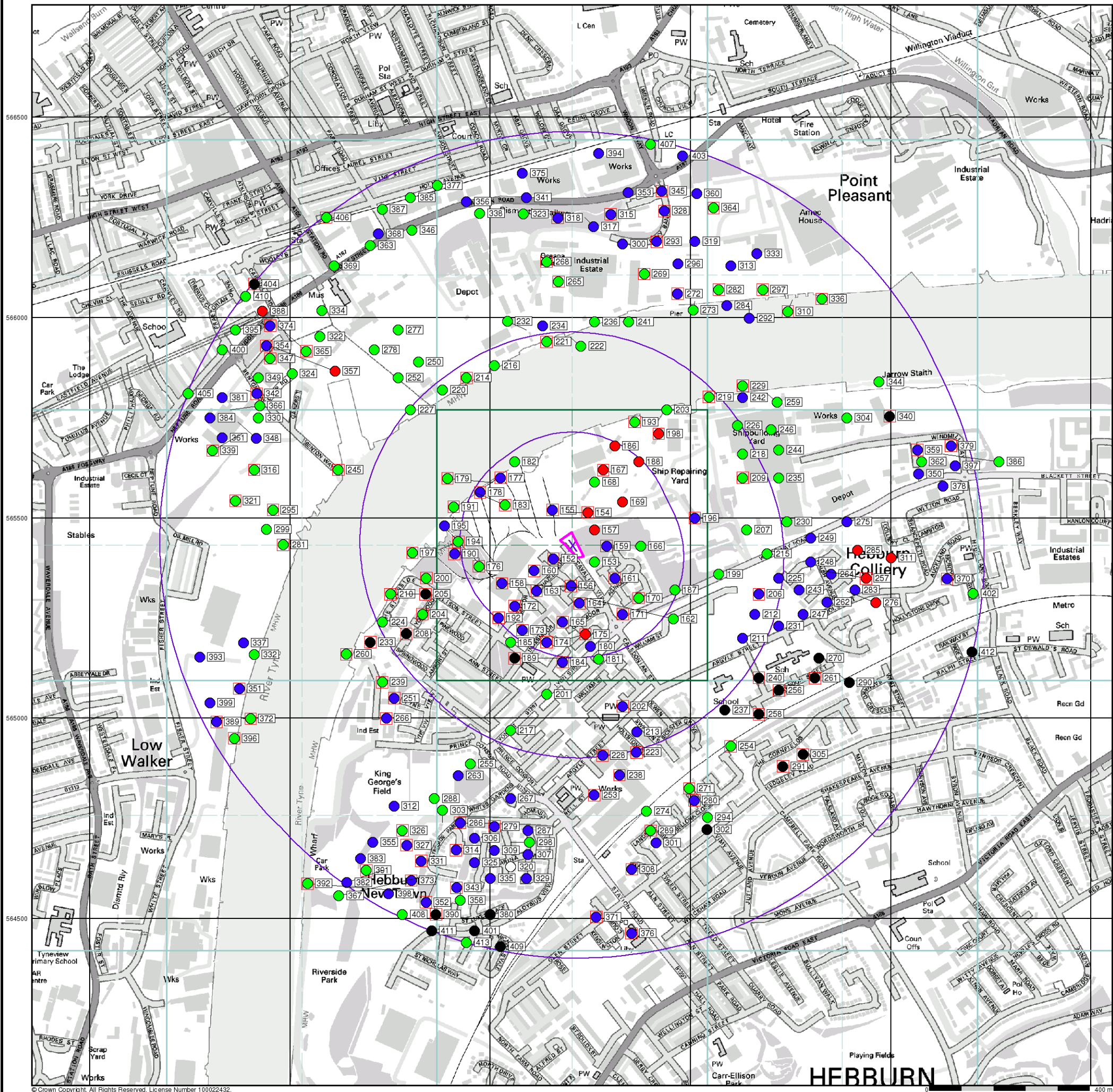
Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

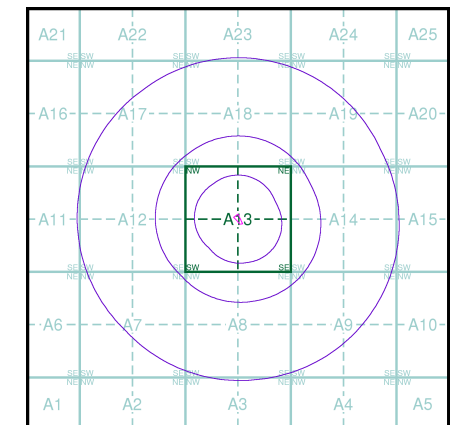
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour 105
- Master Contour 100
- Spot Height *167.3
- MLW Mean Low Water
- MHW Mean High Water

EANRW Detailed River Network Map - Slice A



Order Details

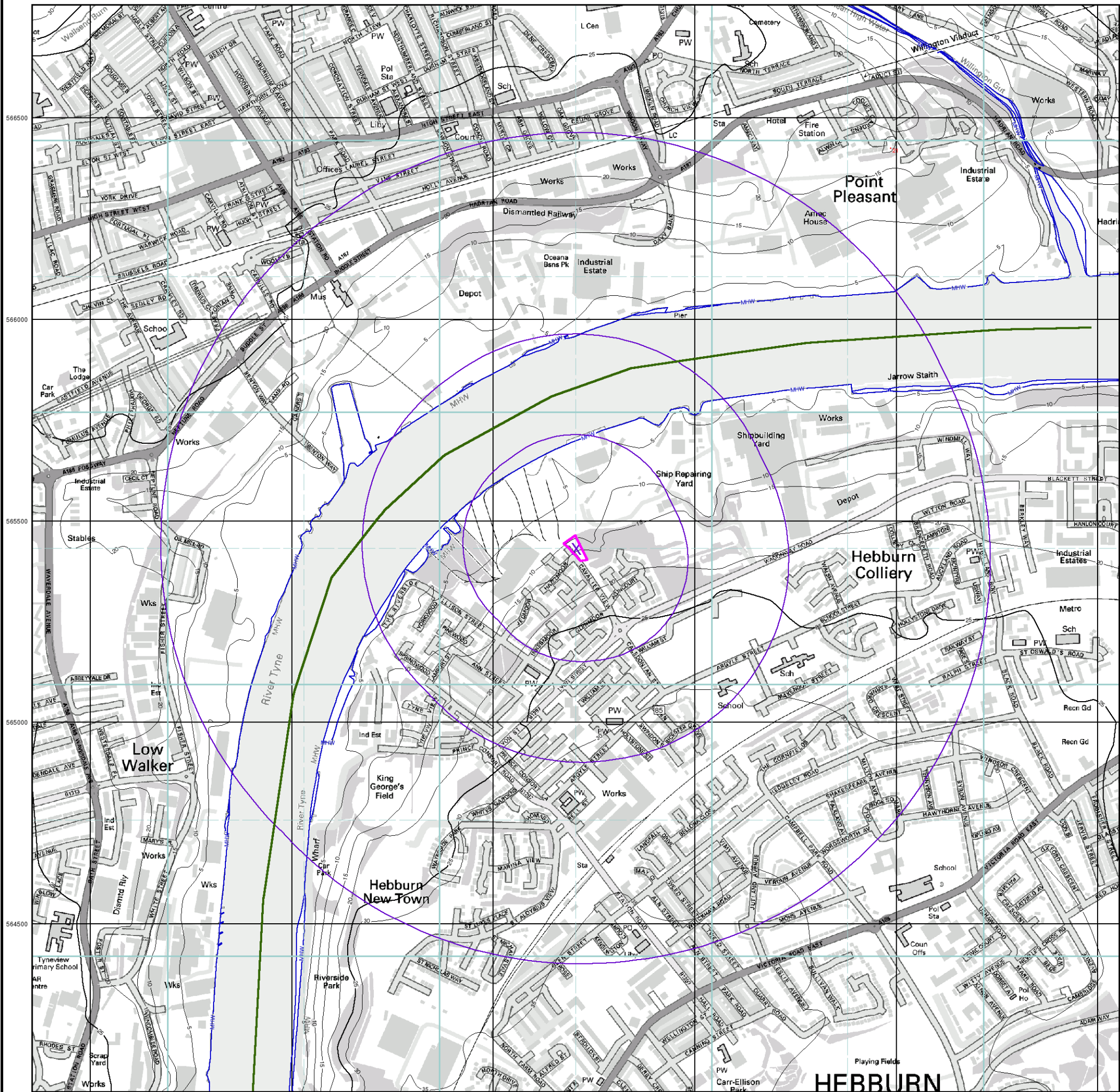
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 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

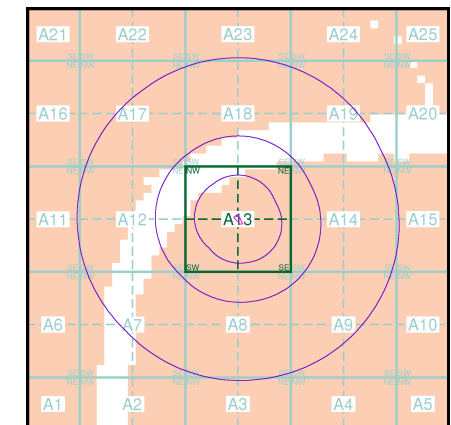
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A



Order Details

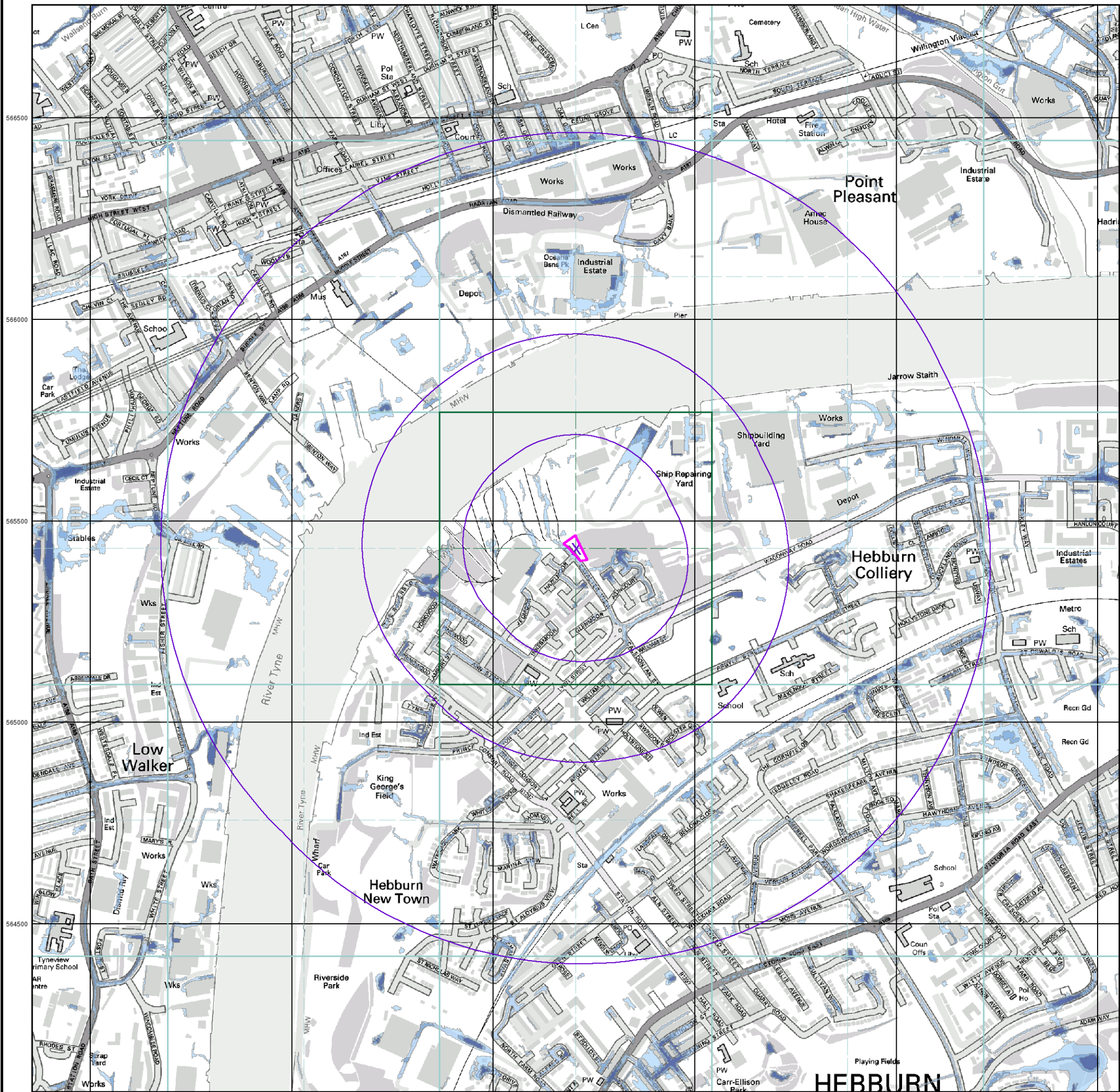
Order Number: 70629063_1_1
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 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
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Site Details

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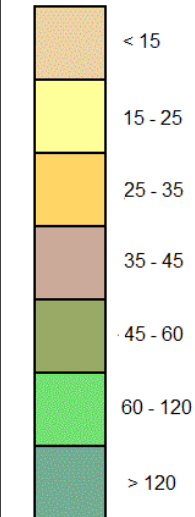


General

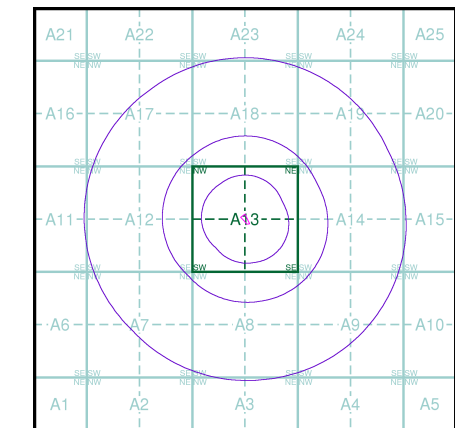
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
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 Site Area (Ha): 0.16
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Site Details

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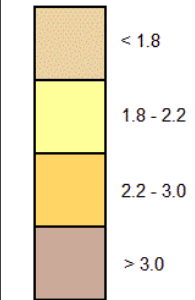


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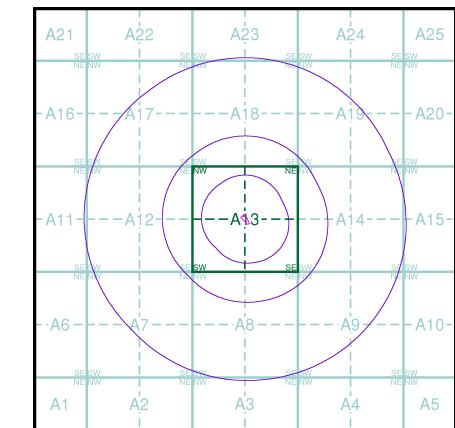
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

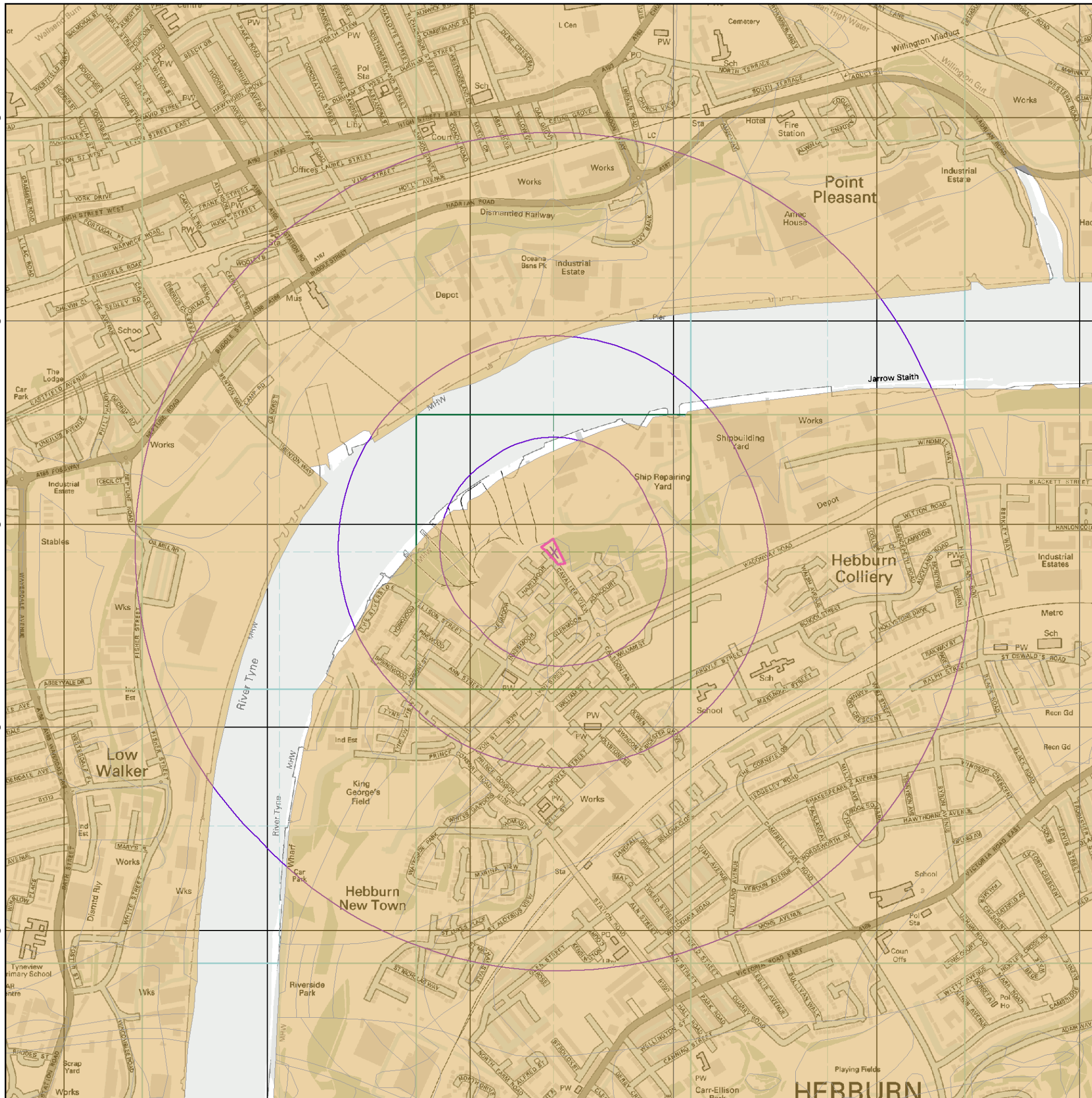
Order Details: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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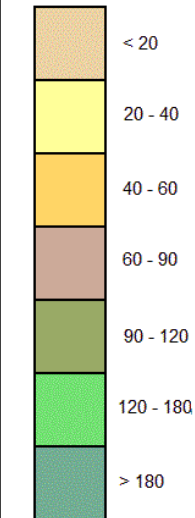


General

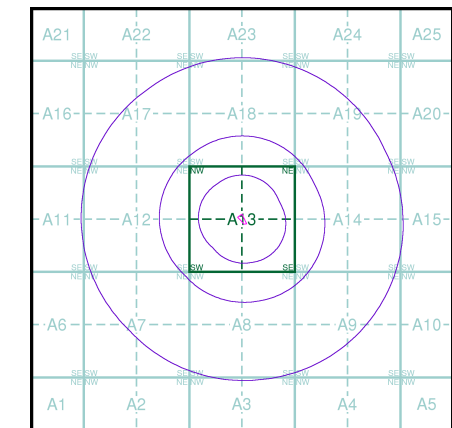
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

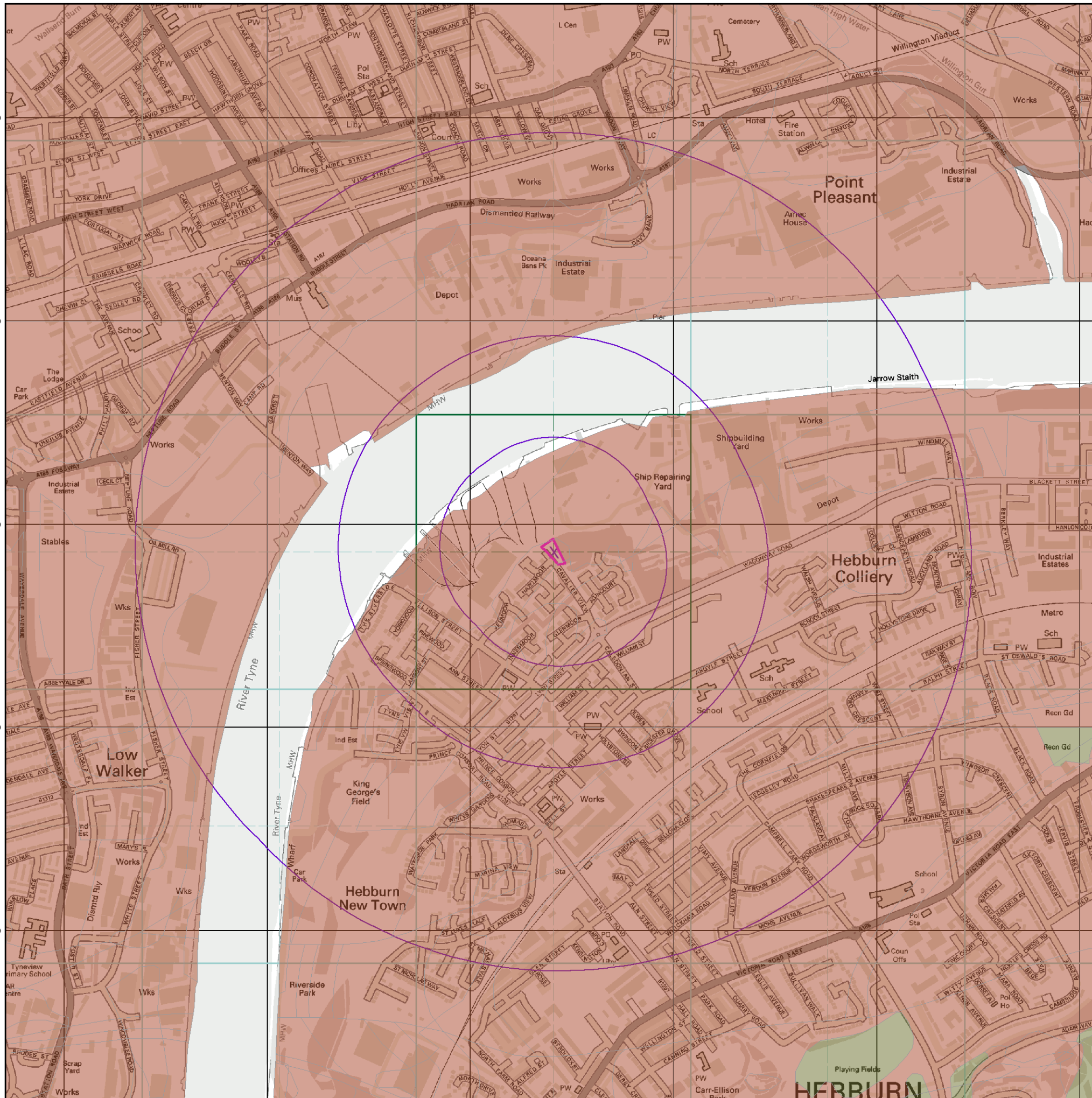
Order Details: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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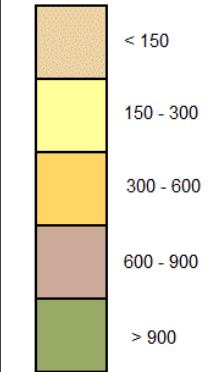


General

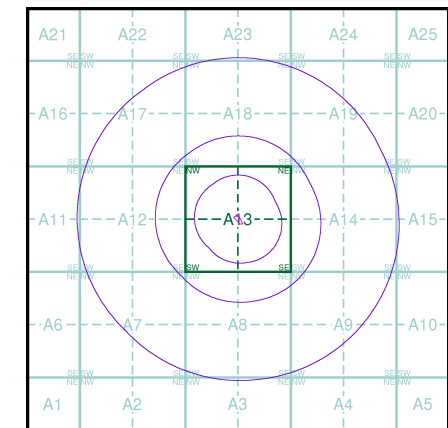
- Specified Site
- Specified Buffer(s)
- x Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

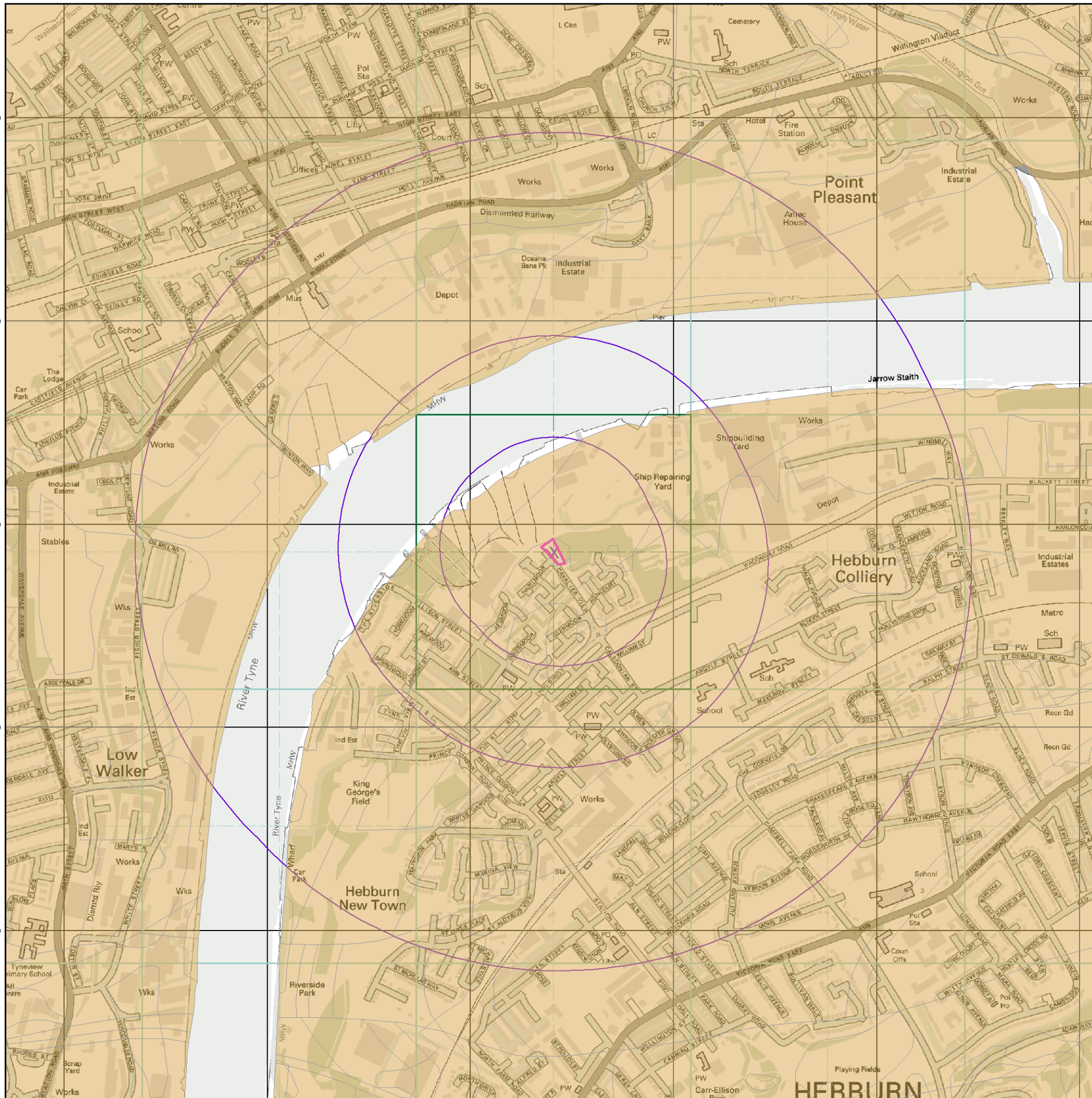
Order Details: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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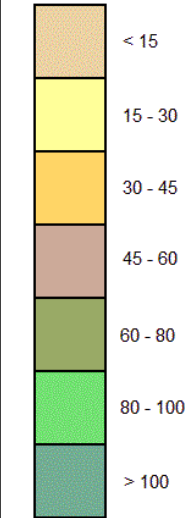


General

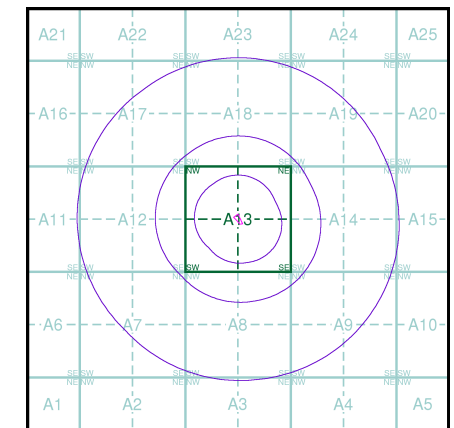
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

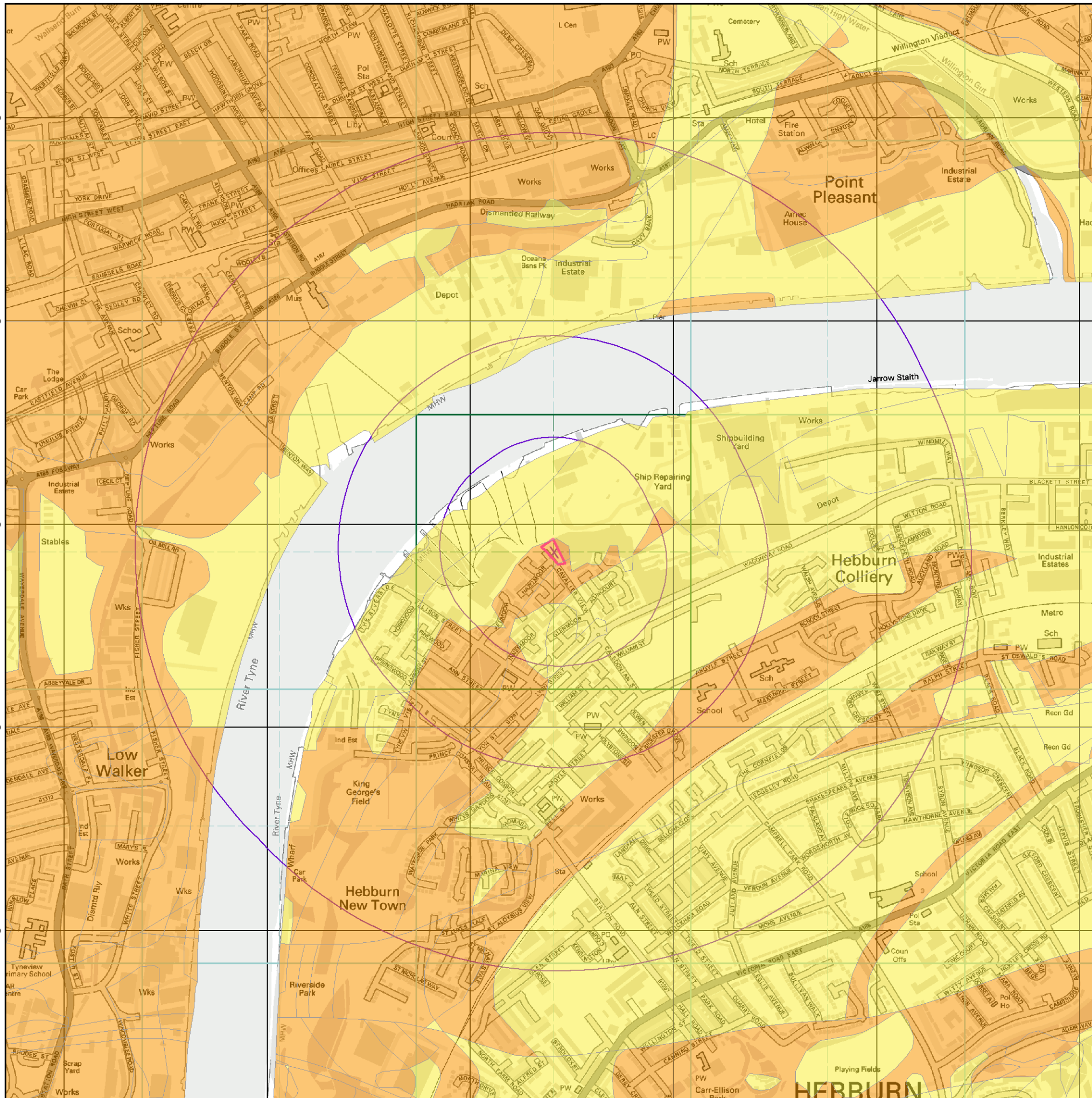
Order Details: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

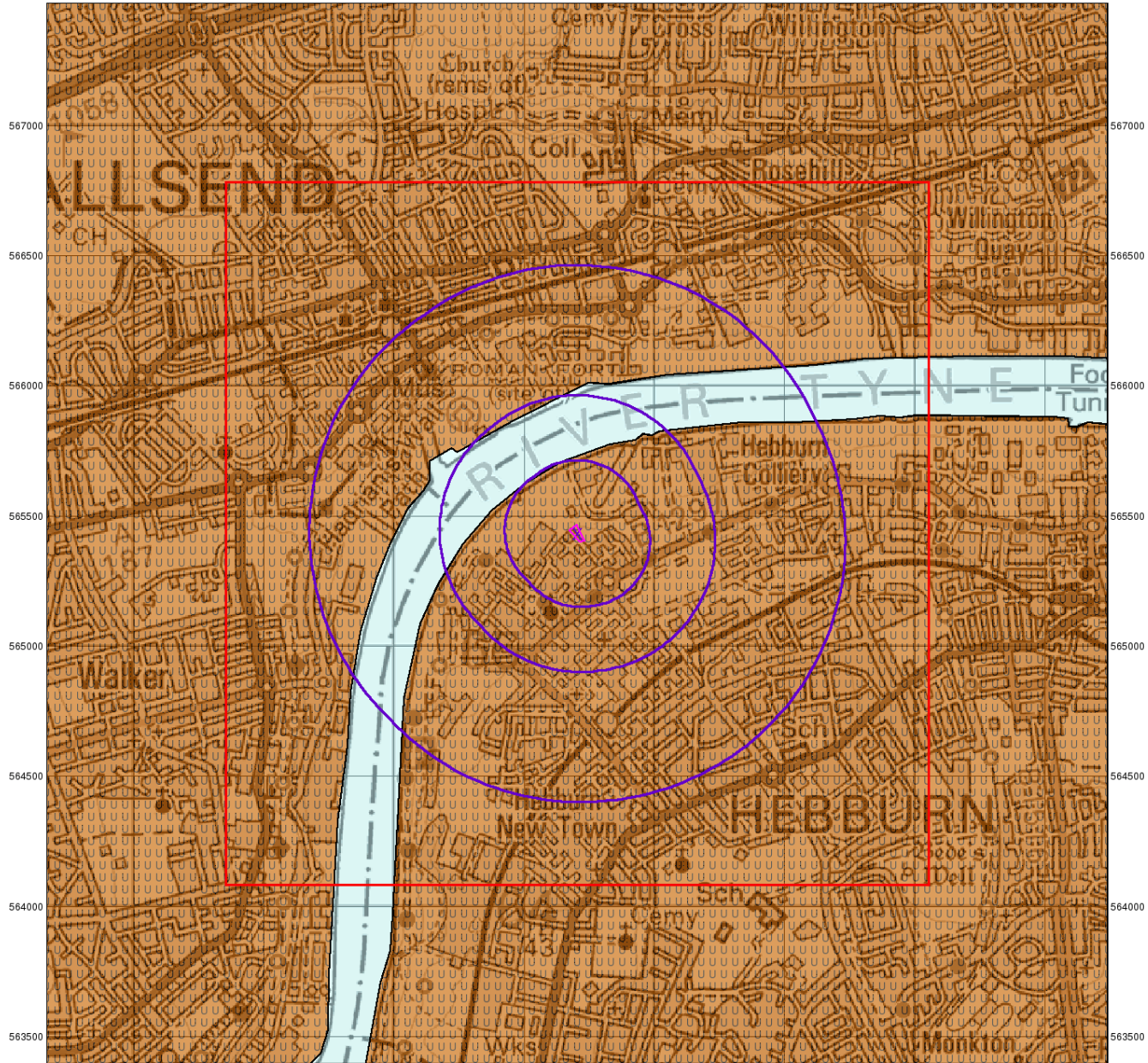
Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



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0 1 km



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

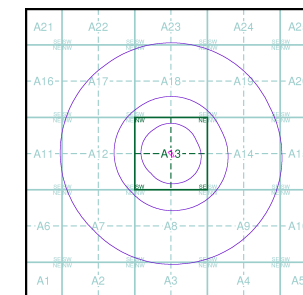
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

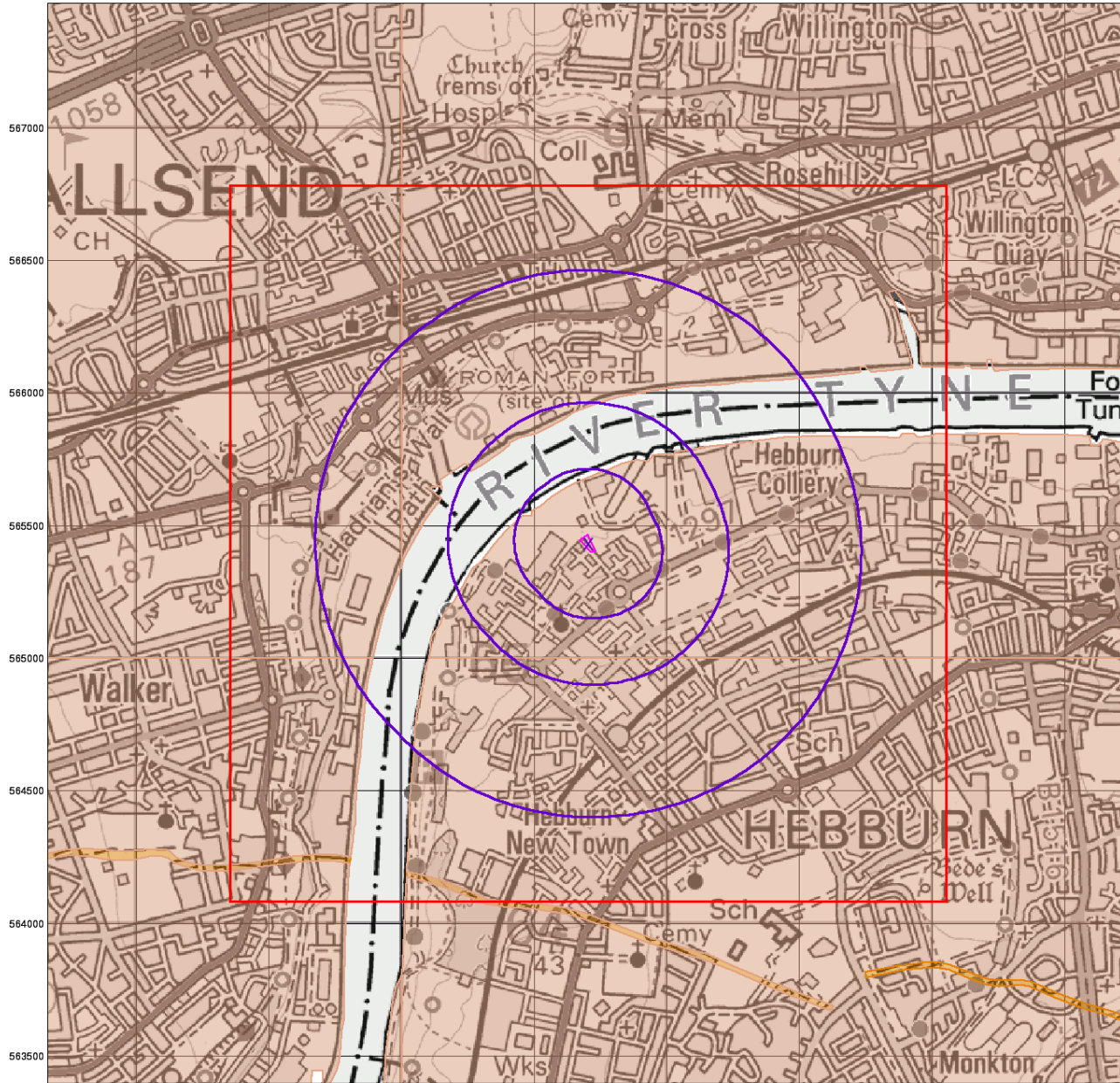
Site Details

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Bedrock Aquifer Designation

General

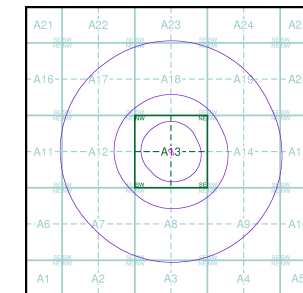
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

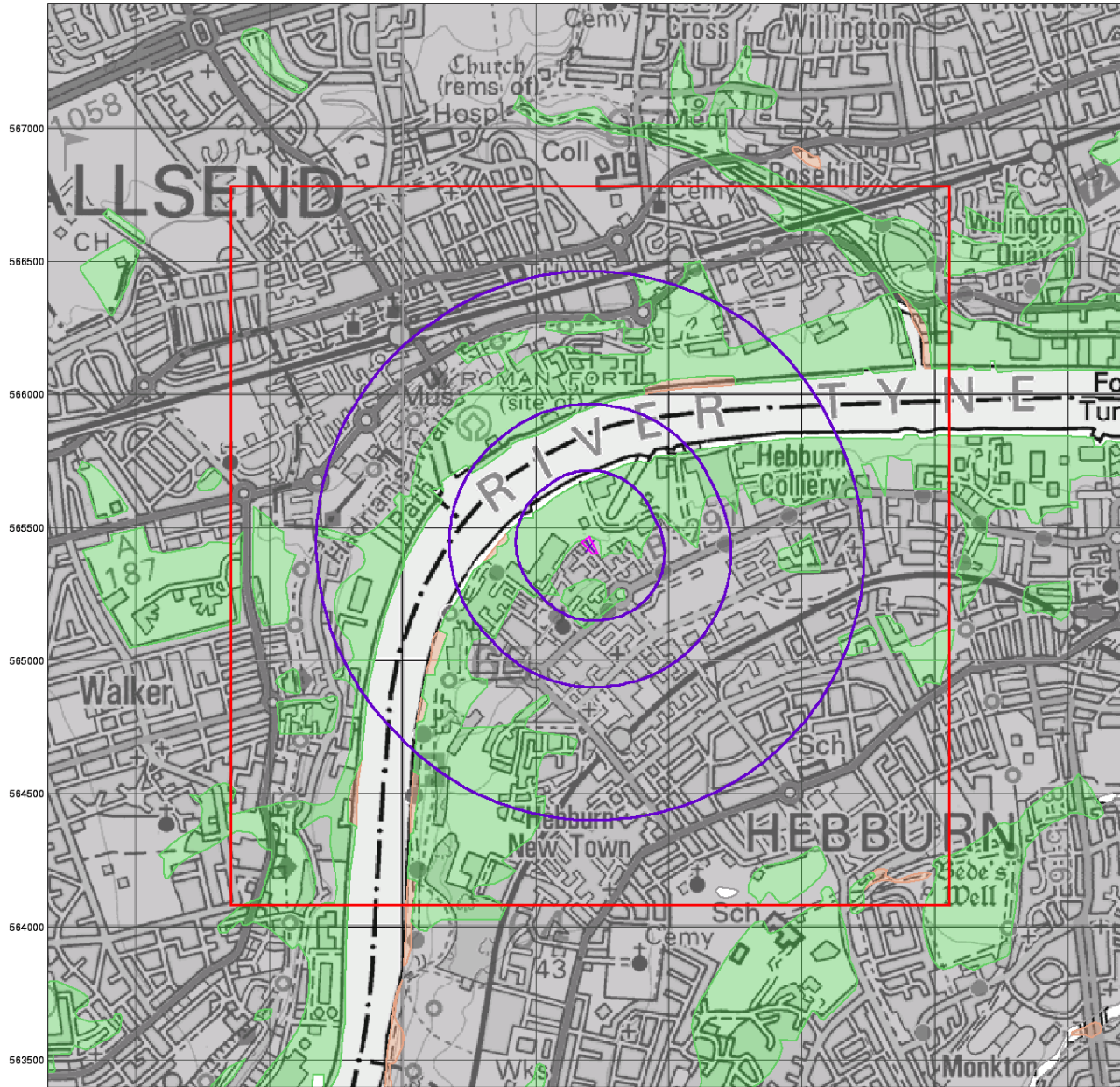
Site Details

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0 1 km



Superficial Aquifer Designation

General

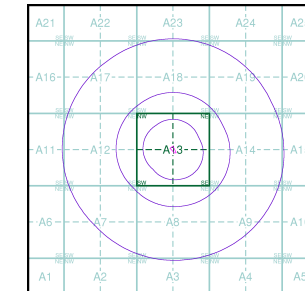
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

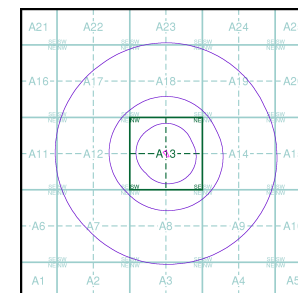
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

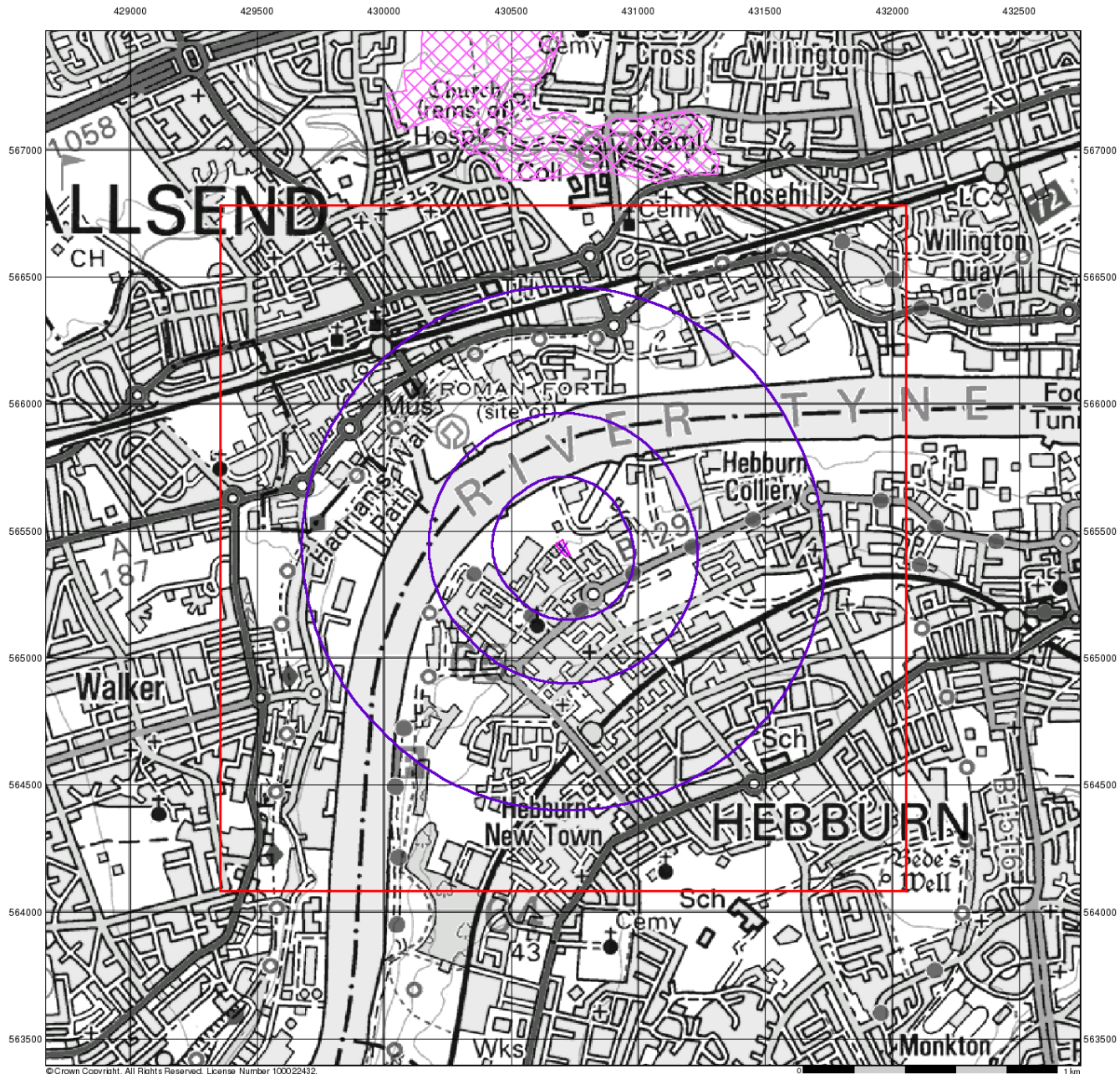
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 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

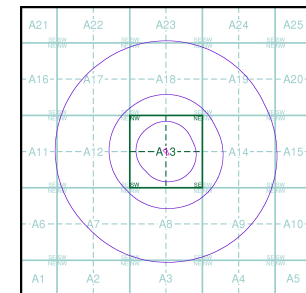
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 70629063_1_1
 Customer Ref: 15-445
 National Grid Reference: 430710, 565430
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details

Cavalier View, Hebburn, Tyne and Wear, NE31 1DH



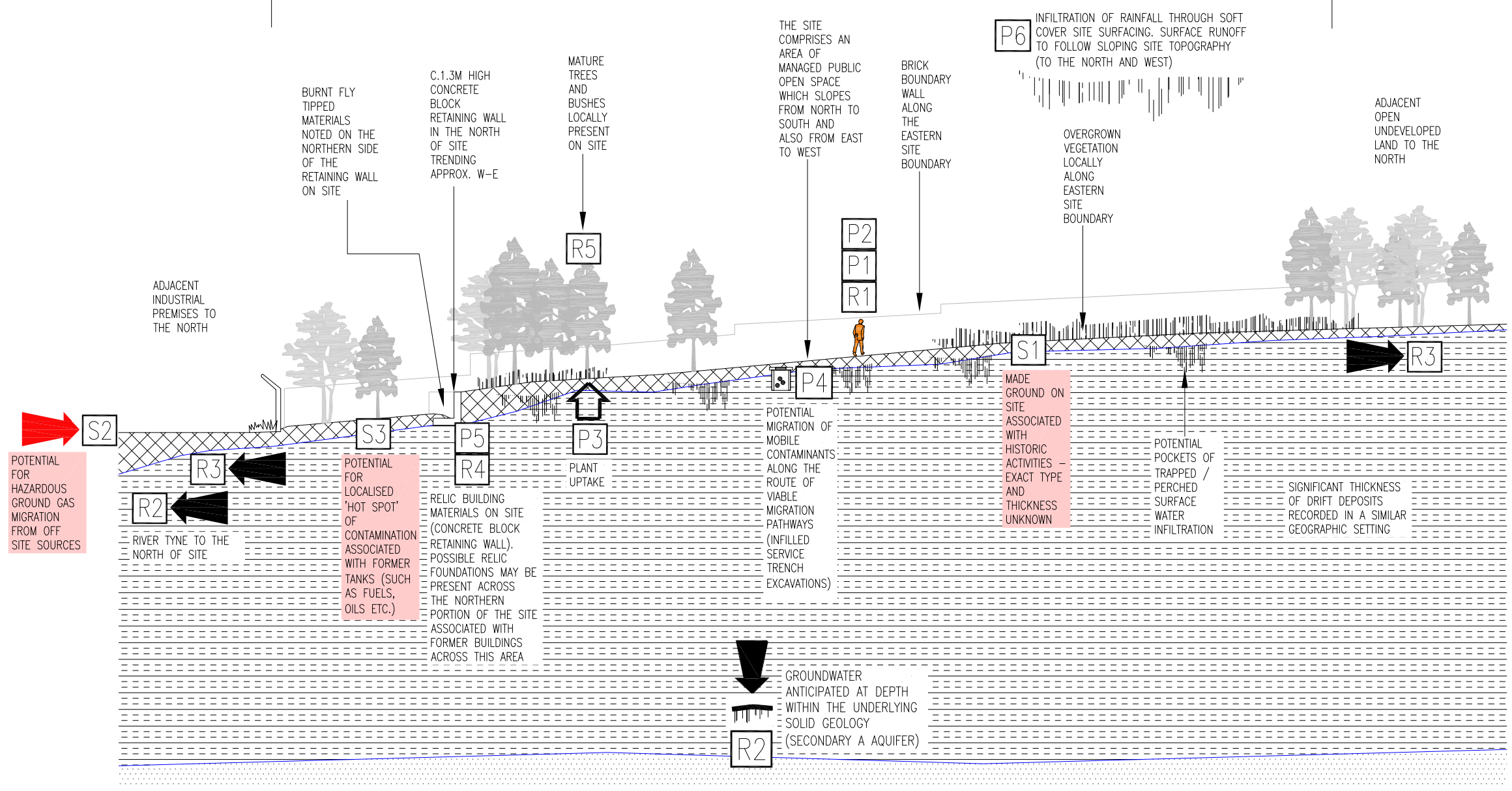
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APPENDIX IV

Conceptual Site Model (CSM)

CRITICAL POLLUTANT LINKAGES					
SOURCE		PATHWAY		RECEPTOR	
S	1. PRESENCE OF MADE GROUND ASSOCIATED WITH HISTORICAL ACTIVITIES. 2. PRESENCE HAZARDOUS GROUND GASES FROM OFF-SITE SOURCES 3. POTENTIAL FOR LOCALISED 'HOT SPOT' OF CONTAMINATION ASSOCIATED WITH FORMER TANKS (SUCH AS FUELS, OILS ETC.)	P	1. INGESTION & DERMAL CONTACT 2. INHALATION OF INDOOR / OUTDOOR AIR 3. PLANT UPTAKE 4. MIGRATION THROUGH EXISTING SERVICES 5. DIRECT CONTACT WITH BUILDING MATERIALS 6. SURFACE RUNOFF & INFILTRATION	R	1. HUMAN HEALTH (FUTURE RESIDENTS) 2. RIVER TYNE, C.200M NORTH, AND GROUNDWATER WITHIN SOLID GEOLOGY (SECONDARY A AQUIFER) 3. ADJACENT SITES 4. BUILDING MATERIALS* 5. FLORA AND FAUNA* <small>* = Not included in the Human Health & Controlled Waters Risk Assessment</small>

INDICATIVE SECTION THROUGH SITE USING AN APPROXIMATE NORTH TO SOUTH ORIENTATION



STRATA DETAILS

MADE GROUND:
 IN ACCORDANCE WITH PUBLISHED BGS PLANS LARGE AREAS OF MADE GROUND ARE RECORDED TO THE IMMEDIATE NORTH AND EAST OF THE SITE ASSOCIATED WITH FORMER NEARBY INDUSTRIAL ACTIVITY. THESE DEPOSITS MAY ENCROACH ONTO THE PROPOSED DEVELOPMENT SITE. AT THIS STAGE MADE GROUND DEPOSITS SHOULD BE ANTICIPATED BELOW THE SITE AREA ASSOCIATED WITH PREVIOUS ONSITE HISTORICAL ACTIVITIES.
 DURING THE RECONNAISSANCE (WALKOVER) SURVEY UNDERTAKEN WASTE MATERIALS WERE NOTED IN THE NORTHERN PART OF THE SITE, MATERIALS SUCH AS; BRICKS, PLASTIC, WOOD, METAL AND PAPER. THESE DEPOSITS ARE THOUGHT TO BE ASSOCIATED WITH LOCALISED 'FLY-TIPPING'. SOME OF THESE MATERIALS APPEAR TO HAVE BEEN BURNED

DRIFT DEPOSITS:
 THE SITE IS SHOWN TO BE SITUATED IN AN AREA UNDERLAIN BY LAMINATED CLAY DEPOSITS. THE NATURAL DRIFT DEPOSITS BELOW THIS PART OF HEBBURN ARE THOUGHT TO BE IN THE REGION OF C.30M IN THICKNESS BEFORE THE UNDERLYING BEDROCK DEPOSITS ARE ANTICIPATED

SOLID GEOLOGY:
 THE SOLID GEOLOGY UNDERLYING THE SITE IS SHOWN TO COMPRISE THAT OF THE GRINDSTONE POST MEMBER, OF THE MIDDLE COAL MEASURES (MCM) DEPOSITED DURING THE PERIOD OF EARTH'S HISTORY KNOWN AS THE CARBONIFEROUS. BGS BOREHOLE NZ36NW268/1, LOCATED C.60M TO THE NORTH-EAST OF THE SITE, IDENTIFIES THAT THE UNDERLYING SOLID GEOLOGY IS SANDSTONE, WHICH CORROBORATES WITH PUBLISHED BGS PLANS. SANDSTONE DEPOSITS WERE ENCOUNTERED AT A DEPTH OF C.30M BELOW THE SITE



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 e-mail: admin@arc-environmental.com
 web: www.arc-environmental.com

The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
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rev.	date	amendments	drawn	chckd
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Client: **JOHN ELVES**

Project Title:
 Land Adjacent to Cavalier View
 Hebburn
 Tyne & Wear, NE31 1DH

Drawing Title:
 Conceptual Site Model

Scale at A3: NTS @ A3	Date: 25.08.15	Drawn by: P.D	Approved by: B.S
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Job Ref: 15-445	Drg no: -	Rev: -
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